



# 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  
Business Partner Whitepaper Series (ISCO)  
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## APPA Events

ADD YOUR OWN EVENTS!

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

Focus on Educational Facilities

MAY 11, 2017

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

Minneapolis, MN (Univ of Minnesota Twin Cities) *spons. by ASSA ABLOY*

MAY 22-25, 2017

### [APPA/ACUI Essentials of Educational Facilities Management Training Seminar](#)

Fort Collins, CO (Colorado State Univ)

MAY 31, 2017

### [APPA Drive-In Workshop](#) (*resched. from March*) *spons. by SealMaster*

Fairfax, VA (VAPPA)

JUN 6, 2017

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

Hamden, CT (Quinnipiac Univ) *spons. by Air Monitor & FlowTech*

JUN 15, 2017

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

Smyrna, GA (Georgia Tech Research Inst)

JUL 20, 2017

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

San Francisco, CA

JUL 20, 2017

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



## HEADLINE NEWS

[Congratulations to New APPA Officers](#)

San Francisco, CA

JUL 21-23, 2017

### **APPA/PCAPPA/BayAPPA 2017 Conference**

San Francisco, CA

SEP 10-14, 2017

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

Providence, RI

OCT 16-19, 2017

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

Atlanta, GA

## **APPA Region & Chapter Events**

MAY 12, 15, 18, 19, 2017

### **PCAPPA - Supervisor's Toolkit**

Stanford, CA (Stanford Univ)

MAY 15-16, 2017

### **TNAPPA Conference**

Knoxville, TN (Univ of Tennessee Knoxville)

MAY 17-19, 2017

### **NCAPPA Conference**

Durham, NC (North Carolina Central Univ)

MAY 18, 2017

### **ERAPPA Lunch and Learn Webinar: The Power of an Intelligent Building**

12:00 Noon Eastern

MAY 22-26, 2017

### **SRAPPA - Supervisor's Toolkit**

Athens, GA (Clarke Co. School District)

MAY 27-29, 2017

### **GAPPA Conference**

Jekyll Island, GA

MAY 30-JUN 2, 2017

### **OAPPA Conference**

Waterloo, ON (Wilfrid Laurier Univ)

MAY 31-JUN 1, 2017

### **VAPPA Conference** *(resched. from March)*

Fairfax, VA (George Mason Univ)

JUN 14-16, 2017

### **MD/DCAPPA Conference**

Cumberland, MD

JUN 18-19, 2017

Thank you to everyone who voted in this year's election, and a special thanks to the Tally Committee, whose members counted and verified the votes: Al Stearns, chair, and Mike Sofield. The newly elected officers will be sworn in at the July APPA conference in San Francisco. They are (left to right):



President-Elect, **Don Guckert**, University of Iowa; Secretary-Treasurer, **Tony Guerrero**, University of Washington Bothell; and Vice President for Professional Affairs, **Dan Bollman**, Michigan State University.

## **APPA NEWS**

### **Conference Host City Offers Wealth of Cultural, Entertainment Options**

When you plan to come to San Francisco for this year's **APPA conference in July**, be sure to schedule time to enjoy the many fascinating sights of the city. From museums to parks to historic sites to animal attractions to great restaurants, there's something for everyone of all ages.



Among the popular sights not to miss are:

- Pier 39 in Fisherman's Wharf
- Golden Gate Bridge, one of the seven wonders of the modern world
- Golden Gate Park, home to the San Francisco Botanical Gardens, Conservatory of Flowers, two museums, and Koret Children's Quarter
- Alcatraz Island
- Lombard Street, the "crookedest street in the world"
- California Academy of Sciences, with an aquarium, planetarium and natural history museum
- and much more!

Register for the conference today at <http://www.appa.org/training/APPA2017/index.cfm>.

### **I-Codes Work Group Looking for Volunteers to Work on ICC Group A Codes**

The I-Codes Work Group, under the guidance of the APPA Standards and Codes Council (ASCC), is looking for technical volunteers to review the Group A Codes for input on behalf of higher education. Group A Codes include International Building

## **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

OCT 29-NOV 1, 2017

## **ERAPPA Conference**

Washington, DC

## **Other Events**

MAY 15-17, 2017

## **Better Buildings Summit**

Washington, DC

MAY 26, 2017

## **Deadline: 2017 Climate Leadership Award applications**

Online

JUN 7 & 8, 2017

## **End of Tree Plagues workshop**

Online course

JUL 24-25, 2017

## **PGMS School of Grounds Management Summer Conference**

Charlotte, NC

SEP 17-20, 2017

## **TEFMA Conference**



Code (IBCE, FS, G), International Fire Code (IFC), International Fuel Gas Code (IFGC), International Mechanical Code (IMC), International Plumbing Code (IPC), International Property Maintenance Code (IPMC), International Private Sewage Disposal Code (IPSDC), International Residential Code (IRC – M-P), International Swimming Pool and Spa Code (ISPSC), International Wildland Urban Interface Code (IWUIC), NS International Zoning Code (IZC).

Virtual meetings will begin later this year. If you are interested, please contact Billie Zidek at 703-542-3846 or

via email at [billie@appa.org](mailto:billie@appa.org).

## **Still Time to Register for Third Annual FM Essentials Seminar**



Advancing Campus Community

You can still attend the May 22–25, 2017, Essentials of Facilities Management Training Seminar, a foundational development program for college union professionals and

other campus facilities administrators, co-hosted by APPA and ACUI: The Association of College Unions International at Colorado State University in Fort Collins.

The program is designed for professionals who are new to facility management or transitioning into overseeing auxiliary and other campus facilities. Learn more and register for the program by clicking [here](#).

## **CAMPUS NEWS**

### **New Northeastern Science Complex Uses Comprehensive Energy Strategies**



Northeastern University's new 234,000-square-foot Interdisciplinary Science and Engineering Complex (ISEC), designed by Payette and implemented by Arup, used an integrated design process, advanced energy modeling software, and building information modeling (BIM) to create a high-performance, energy-efficient laboratory facility.

The Massachusetts Stretch Energy Code calls for new buildings to perform 20% better than required by base code. The ISEC achieves 33% energy-cost savings over code and 75% energy savings compared to typical laboratory performance. Energy-conservation measures include:

- A cascade air system
- Performance and life-cycle analysis
- Triple-glazed windows and a shading system
- Active chilled beam technology and comfort-modeling software
- A hydronic run-around coil system
- A heat-recovery chiller
- A passive solar collector

### **UMass Amherst Opens Largest Modern Wood Building in Region**

Melbourne, Australia

OCT 15-18, 2017

### **AASHE Stronger in Solidarity Conference**

San Antonio, TX

OCT 18-21, 2017

### **PGMS School of Grounds Management and GIE+Expo**

Louisville, KY

The University of Massachusetts Amherst's new Design Building is the largest modern wood building in the northeastern United States and one of the first institutional buildings in the region to employ an engineered timber structure. Boston architectural firm Leers Weinzapfel Associates designed the building and Suffolk of Boston managed construction.



Constructed with cross-laminated timber (CLT) and glue-laminated columns, the 87,000-square-foot facility saves the equivalent of more than 2,300 metric tons of carbon compared to a traditional energy-intensive steel and concrete building. The university's Building and Construction Technology program developed some of the CLT technology.



The interdisciplinary building has exposed structural elements and service systems for teaching, design research, and development. Sustainable features include a roof garden supported by a long-span wood-steel "zipper" truss, LED lighting, motion sensors, daylighting, electro-tinting glass, heat-recovery systems, bioswales, rain gardens, low-flow faucets, and public transportation access.

The WoodWorks – Wood Products Council undertook a preliminary life-cycle assessment (LCA) and provided ongoing technical assistance and support.

## **PROFESSIONAL DEVELOPMENT AND CREDENTIALING**

### **Registration Beckons for This Year's APPA Conference & Exhibition**



The clock is ticking, and hotel space is going fast! Now is the time to make sure you're part of the 2017 APPA/PCAPPA/BayAPPA Annual Conference and Exhibition - July 21-23 is not that far away. Join more than 500 facilities colleagues from around the country and around the world in San Francisco, CA, for the ultimate in learning and networking. Conference site: Hilton Union Square Hotel San Francisco.

Register today at  
<https://www.appa.org/training/eventregistration.cfm>.

### **Spring and Summer are Bursting with Supervisor's Toolkit Training Programs**

If you - or your staff - aim to advance to supervisor or enhance your supervisory skills, APPA offers the training you need. The **Supervisor's Toolkit** training program is ideal for anyone currently functioning as a supervisor or aiming to become one.

**Supervisor's Toolkit**

Nuts and Bolts of Facilities Supervision



This 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 celebrate spring and summer by participating in these upcoming offerings, go to <http://www.appa.org/training/toolkit/index.cfm>:

PCAPPA - Stanford University, Stanford, CA, **May 12, 15, 18, 19, 2017**

SRAPPA - Clarke County School District, Athens, GA, **May 22-26, 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).

### **Choose Your Own Cohort Group to Prepare for CEFPP or EFP Exams**



APPA members aiming to take the APPA Credentialing Course, a 90-day online course designed to help you prepare for either the CEFPP or EFP examination with peers throughout APPA's six regions, now can select their cohort groups.

In the past, test-takers were placed in cohort groups when they registered for the course; when enough people registered, the course began. A table at the credentialing website has all of the cohort groups and the dates they will begin and end, along with the dates for taking the exams. When you register, you can select the cohort group that best fits your schedule. No more guessing when groups will begin or when you will have to take your exam.

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.

Two cohorts are currently open for registration: Group K begins on May 22 and Group L begins on June 16.

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

Several credentialing Group Exams are scheduled for the coming months:

–TNAPPA Conference, Knoxville, TN - May 15, 2017

–GAPPA Conference, Jekyll Island, GA - May 31, 2017, 1:00 p.m.

–APPA/PCAPPA/BayAPPA Annual Conference, San Francisco, CA - July 23, 2017, 1:00 p.m.

–Joint CAPPA/MAPPA Conference, St. Louis, MO - September

–SRAPPA Conference, Charlotte, NC - October

Note: The recommended 90-day online study course requires preregistration, and space fills up fast! Email [Kelly Ostergrant](mailto:Kelly Ostergrant) today to register or go to <https://credentialing.appa.org/purchaseoptions.cfm>.

### **Learn and Network at APPA Regional and Chapter Conferences**

APPA's chapter events are great opportunities to enhance your professional development and networking efforts. Check out these upcoming chapter conferences for your opportunity to learn and network among APPA colleagues.

Upcoming chapter conferences include:

May 15-16: [Tennessee](#) (Knoxville)

May 17-19: [North Carolina](#) (Durham)

May 27-29: [Georgia](#) (Jekyll Island)

May 30-June 2: [Ontario](#) (Waterloo)

May 31-June 1: [Virginia](#) (Fairfax) - *rescheduled from March*

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)

If you have any chapter or regional programs to list, please send them to Steve Glazner at [steve@appa.org](mailto:steve@appa.org).



## BUSINESS PARTNER WHITEPAPER SERIES

### Newest in Whitepaper Series Focuses on Innovation in Piping



"Plastic Pipe for Hydronic Applications – a Sign of the Future," by Chelsea Rabideau of ISCO Industries, is the newest offering from APPA's Business Partner Whitepaper Series and presents examples of how

"Innovation is constantly bringing about change for the better, even in the piping industry." The whitepaper showcases polypropylene as "at the forefront of that shift, adding value from installation through the entire life cycle of the pipe." The whitepaper describes how South Dakota State University (SDSU) built a centralized chiller plant with an entirely poly piping system in a first-of-its-kind project. Learn more by reading the whitepaper [here](#).

APPA's Business Partner Whitepaper Series highlights the wealth of knowledge, experience, and expertise of our Business Partner members through case studies, research reports, product development, and industry insights. The whitepapers in this series are provided by the business partner firms and edited and produced by APPA staff.

To view all published whitepapers in the series, visit [www.appa.org/publications/whitepapers.cfm](http://www.appa.org/publications/whitepapers.cfm). For more information, contact Steve Glazner at [steve@appa.org](mailto:steve@appa.org).



## INFORMATION AND RESEARCH

### Two New Books to Come from APPA This Summer



Prepare to enhance your professional field of knowledge and skills with two new books to be published by APFA this summer that will be invaluable resources for facilities professionals: *Environmental Management Guide for Educational Facilities*, published in collaboration with the Campus Safety Health and Environmental Management Association ([CSHEMA](#)), and *The Building Commissioning Handbook*, third edition, published with the Building Commissioning Association ([BCxA](#)). More details to come.

### NEC and NFPA Offer New Resources

The latest resources, tips, and information regarding the NEC and NFPA 70E include:

- [Standards Council Issues Tentative Interim Amendment on NFPA 70, National Electrical Code](#)
- [May is National Electrical Safety Month](#)
- [Get the 2017 NEC App](#)

## INDUSTRY NEWS

### Building Safety Month Celebrates Codes Officials as Partners



May is [Building Safety Month](#), founded by the ICC as a public awareness campaign to help individuals, families, and businesses understand what it takes to create safe and sustainable structures. The campaign reinforces the need to adopt modern, model building codes and a strong and efficient system of code enforcement; and to ensure a well-trained, professional workforce

to maintain the system.

This year's theme is Code Officials – Partners in Community Safety and Economic Growth. Weekly themes are Mentoring the Next Generation of Building Professionals, Building Design Solutions for All Ages, Manage the Damage – Preparing for Natural Disasters, and Investing in Technology for Safety, Energy & Water Efficiency.

For tips on ways to celebrate Building Safety Month, go to <https://www.iccsafe.org/about-icc/building-safety-month/2017-building-safety-month/>.

### Number of U.S. Architects is Steady, Professional Mobility Increases

There are currently 109,748 architects in the USA, according to the 2016 Survey

of Architectural Registration Boards of the National Council of Architectural Registration Boards (NCARB) – a roughly 0.4 drop from 2015. Architects also increasingly hold licenses in multiple states nowadays, with 126,554 reciprocal (out-of-state) licenses, a 3% increase from 2015.

The pool of emerging professional architects working toward licensure also held steady in 2016; more than 41,400 candidates took the Architect Registration Examination® and/or reporting Architectural Experience Program™ hours.

To learn more about NCARB's data and the Survey of Architectural Registration Boards, visit [www.ncarb.org](http://www.ncarb.org).

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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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APPA - Leadership in Education Facilities  
1643 Prince Street | Alexandria, Virginia 22314-2818  
Phone: 703-684-1446 | Web: [www.appa.org](http://www.appa.org)

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