



Inside APPA

LEADERSHIP IN EDUCATIONAL FACILITIES

November 2, 2016
Vol. 16, No. 21

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

APPA Events

Questions? Comments? News?
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Add Your Own Events! [APPA's Online Calendar of Events](#)

Focus on Educational Facilities

Nov 7-11, 2016
[APPA Level II Leadership Academy – Interpersonal Effectiveness Skills](#)
Univ of Richmond, Richmond, VA

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Nov 8, 2016 - NEW
[Registration opens for Jan 15-19, 2017, APPA U. Dallas, TX!](#)
Online

Nov 10, 2016
[APPA's Drive-In Workshop \(spons by McKinstry\)](#)
Moscow, ID (Univ of Idaho)

Nov 16, 2016 - NEW
[DEADLINE: Call for Programs for APPA/PCAPPA/BayAPPA 2017 Conference](#)
July 21-23 conf in San Francisco, CA

Nov 30, 2016
[DEADLINE: Submit applications for APPA's Institutional & Individual Awards](#)
Online

Dec 6-9, 2016
[Women's Leadership Institute](#)
Dana Point, CA

Dec 9, 2016
[DEADLINE: Submit](#)

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January 31, 2017.

HEADLINE NEWS

[nominations and applications for 2017 APPA Elections](#)
nominations@appa.org

Dec 12, 2016
[DEADLINE: Submit Key Facilities Metrics Survey](#)
APPA/NACUBO
Collaboration

Dec 12, 2016
[DEADLINE: Submit FPI Survey - Facilities Performance Indicators](#)
2015-16 data

Jan 15-19, 2017
[APPA U: Institute for Facilities Management and Leadership Academy](#)
Dallas, TX

Jan 18, 2017
[Group Credentialing Exam \(during APPA U, at Texas Woman's Univ Dallas campus\)](#)
Dallas, TX

Mar 26-28, 2017
[Smart and Sustainable Campuses Conference](#)
College Park, MD

Jul 21-23, 2017
[APPA/PCAPPA/BayAPPA 2017 Conference & Expo](#)
San Francisco, CA

APPA Region & Chapter Events

Nov 8-11, 2016
[APPA's Supervisor's Toolkit \(spons. by CAPPA\)](#)
Lubbock, TX (hosted by Texas Tech Univ)

Nov 14-18, 2016
[APPA's Supervisor's Toolkit \(spons. by SRAPPA\)](#)
Auburn U employees ONLY (hosted by Auburn Univ)

Nov 17, 2016
[Energy Efficiency on Campus -- REAL WORLD DATA](#)
ERAPPA Lunch and Learn Webinar: Noon - 1:00 p.m. Eastern

Renewed Chance to Present at APPA/PCAPPA/BayAPPA 2017!

Deadline for Call for Papers Extended to November 16, 2016



To ensure the most comprehensive range of topics and techniques at the 2017 [APPA/PCAPPA/BayAPPA conference](#), July 21–23, in San Francisco, California, the call for papers deadline has been extended to **Friday, November 16**.

See the [Professional Development section](#) for details.

There's Still Time to Apply or Nominate a Colleague or Institution for APPA Awards

Deadline: November 30, 2016

This is the month to show your appreciation and admiration for the achievements of colleagues and institutions in educational facilities management – by nominating a colleague for APPA's prestigious institutional and individual awards. You can even nominate yourself!

APPA recognizes the contributions of colleagues and institutions with the Award for Excellence, Sustainability Award, Effective and Innovative Practices Award, APPA Fellow, Meritorious Service Award, Pacesetter Award, and more. Awards will be presented at the 2017 annual conference and expo.

Applications for all awards are due by **November 30, 2016**. Complete descriptions and the online application process are available at <http://www.appa.org/membershipawards/index.cfm>. For more information, contact Christina Hills at christina@appa.org.

APPA NEWS

Applications for APPA Board Open through December 9

If you have great ideas for APPA programs and projects, or know someone who would be an outstanding APPA officer, now is the time to speak up. Nominations for APPA Elected Officers are due on Friday, **December 9, 2016**. Positions open are President-Elect, Secretary-Treasurer, and Vice President for Professional Affairs.

Mar 6-8, 2017
[APPA's Supervisor's Toolkit \(spons. by MiAPPA\)](#)

University Center, MI
(MiAPPA 2017-hosted by Saginaw Valley State Univ)

Mar 13-17, 2017
[APPA's Supervisor's Toolkit \(spons. by SRAPPA\)](#)

Atlanta, GA (hosted by Spelman College)

Other Events

Feb 20-24, 2017
[IDEA's CampusEnergy 2017](#)

Miami, FL

May 15-17, 2017
[Better Buildings Summit](#)

Washington, DC

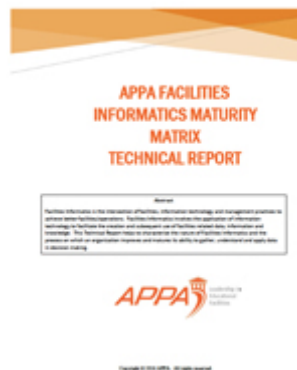


The personal rewards and professional benefits outweigh any costs of engagement or time expended. For more information and to submit nominations, go to

<http://www.appa.org/board/documents/OfficerNominationsElectionspacket17.pdf>.

Free Informatics Maturity Matrix Report Focuses on Better Use of Data

Wondering how your institution measures up in collecting, understanding, and using data to make decisions? Turn to Facilities Informatics for guidance.



At APPA, we see Facilities Informatics as bringing facilities, information technology, and management practices together to achieve better facilities/operations. Facilities Informatics involves applying information technology to facilitate the creation and subsequent use of facilities-related data, information, and knowledge. The new *APPA Facilities Informatics Maturity Matrix Technical Report* helps characterize the nature of Facilities Informatics and the process by which an organization improves and matures its ability to gather, understand, and apply data in decision-making.

The report is the first product to come out of discussions at the April 2015 APPA Thought Leaders symposium, which led to August 2015 meetings of a Work Group (under the auspices of the APPA Standards and Codes Council) to study and develop a potential standard for Facilities Informatics. The Work Group anticipates further products as work continues.

The report is free to APPA members. For the full report as a PDF, click on the cover graphic above.

APPA Presents at AASHE Conference

Steve Glazner of APPA and Sally Grans Korsh of NACUBO co-presented a paper on "Embolden Facilities and Finance Office Collaborations for Sustainability" at the recent AASHE conference in Baltimore, Maryland. The session focused on why and how "what we do matters," and how the intersection between APPA, AASHE, and NACUBO results in a knowledge base to assist campuses in developing environmental leadership and allow collaboration.

Glazner and Korsh looked at funding issues in sustainability and provided extensive ideas for how associations can work together to educate their communities and improve opportunities. For a PDF of the slides from this fact-packed presentation, click [here](#).



APPA/NACUBO Key Facilities Metric Survey Results Wants You!

Survey Open for Your Input through December 12

The 2015–16 APPA/NACUBO Key Facilities Metric survey remains open for your input through **December 12, 2016**. The survey provides information about basic facilities data that is critical for leadership to know to improve strategic planning, such as BTU, electrical and water consumption, waste output, and carbon footprint. Results reflect these five key (and simple) elements, which are easily accessible from vendor or utility bills.

The 2014–15 APPA/NACUBO Key Facilities Metric survey presents input from 279 colleges and universities of all types and regions – an increase of 16 percent in respondents from the first year of the survey. Let's move that percentage up for the new edition!

To participate, go to www.appa.org/nacubosurvey16/ .

For more information, contact [Sally Grans Korsh](#) at NACUBO or [Steve Glazner](#) at APPA.

CAMPUS NEWS

U of Kentucky Completes New Science Building, Documents Construction Process

Chemistry and biology students on the University of Kentucky campus have a new space to explore with the recent completion of the Academic Science Building (ASB). Construction of the 263,000-square-foot educational center began in August 2014 and was documented through completion by EarthCam construction cameras.



The ASB includes state-of-the-art undergraduate teaching laboratories, technology-enhanced active learning environments, tiered lecture halls, learning center spaces, and more. The shell-space design fosters a sense of community and promotes a collaborative atmosphere for the students. Click on the photo to see the time-lapse construction video.

North Central College Installs Major Solar PV Array



North Central College has installed 1,632 solar photovoltaic (PV) panels and energy storage system on the roof of the Residence Hall/Recreation Center (Res/Rec) that will provide 538.56 kW and 22 percent of the electricity for the building, along with immediate energy savings. The project's 12 solar inverters change the electrical current from direct to alternating current. It includes an integrated 250 kW energy storage system. The array should be operational by year's end.

The four-story, 201,439-square-foot structure uses the most electricity of any building on campus and has the largest roof with no obstructions. It has LEED Silver Certification and houses a 265-bed dormitory around an NCAA-regulation indoor running track, multipurpose athletics courts, training room, and fitness center.

The school holds tours to the roof of Res/Rec. An interactive display will be featured when the Science Center opens in fall 2017.

Funding includes a \$50,000 grant through the city of Naperville Renewable Energy Program and the college's green revolving fund, the Cardinal Sustainability Fund. For more information, visit northcentralcollege.edu.

You Have Two More Weeks to Submit Proposals for 2017 Conference!

Deadline Extended to November 16



There's still time: The deadline to submit proposals for presentations at the 2017

APPA/PCAPPA/BayAPPA conference, July 21–23 in San Francisco, California, has been extended to **Wednesday, November 16**. The conference city offers a beautiful setting with plenty of sights to see and places to go as part of this exciting event.

Don't miss out on this opportunity to submit your great ideas and case studies. Your solutions and experiences have value for colleagues – and presenting will enhance your status in the profession and enhance your institution's reputation as well.

The conference will feature 8 to 10 concurrent educational sessions in two to three time slots per day. Each concurrent session will be 60 minutes long. Broad topics are:

- Remaking the Facilities Organization
- Future of the Built Environment
- Preventive Maintenance for People
- Space: The Ever-Changing Frontier
- Innovations & Technology

Your proposal should offer innovative, comprehensive, and diverse treatments of and solutions to challenges facing facilities professionals. Submissions must include:

1. Program title that is three to five words long
2. Abstract in a five- to seven-sentence description
3. Four learning outcomes
4. Complete contact information for each potential presenter – full name, title, institution or company, phone number, and e-mail address
5. If a business partner, inclusion of an educational entity partner

Any submission that does not include all five items will be rejected automatically.

Send your submission(s) **today** to callforprograms@appa.org.
Deadline is November 16.

For the latest on the APPA/PCAPPA/BayAPPA 2017 Call for Programs and other event details, go to

<http://www.appa.org/training/APPA2017/index.cfm> and click on **Conference Sessions**.

Questions? Contact Suzanne Healy, director of professional development, at suzanne@appa.org or 703-542-3833.

Sustainability Organization Extends Deadline for Programs



The deadline has been extended November 13 to submit proposals for programs at the 12th annual Smart and Sustainable Campuses Conference. The conference aims to help participants "renew, restore, and regenerate together." Proposals may link to these tracks:

1. Renew, Restore, Regenerate
2. Education for Sustainability: Innovating Curriculum and Research
3. The Built Environment
4. Change Management: Toward Transformation
5. Expanding the Sustainability Community

Choose from three session formats:

- Dynamic 50-minute Presentations - case studies, program/process summaries, and panel presentations. Tackle a single issue from multiple perspectives or walk attendees through how your project went from concept to reality.
- Interactive 80-minute Workshops - opportunities for learning, dialogue, and sharing. White boards, flip charts, and markers will let you showcase your facilitation skills.
- Poster Presentation - stand-alone descriptions of your research, project, or program. Great for identifying one essential concept to share with the audience (held during the Monday Evening Networking Reception).

The program includes input from small, liberal arts institutions; large research universities; government agencies; nonprofits; and businesses to highlight diverse institutional missions.

To submit a program proposal, click [here](#) or on the image above.

APPA Adds New Supervisor's Toolkit Training Program for 2016

There's a new opportunity to benefit from an APPA **Supervisor's Toolkit** training this year: We have added a CAPPA region event from **November 8-11** at Texas Tech in Lubbock, Texas. Take advantage of this structured, open-ended,

pragmatic approach to developing supervisors, designed especially for the educational facilities professional. It is a development process designed to help supervisors realize both personal and professional growth.

The program provides a full week of training to help you respond to the demands of intense competition, advancing technology, and changing values – the forces that are transforming your role as a supervisor.

Upcoming offerings are:

CAPPA – Texas Tech, Lubbock, TX, November 8-11, 2016

SRAPPA – Auburn University (*for Auburn employees ONLY*), Auburn, AL, November 14-18, 2016

MAPPA – MiAPPA 2017 – Saginaw Valley State University, University Center, MI, March 6-8, 2017

SRAPPA – Spelman College, Atlanta, GA, March 13-17, 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.

CEFP Credential Puts You in Charge of Your Career Path – Earn it Today!

APPA Regional Discounts Available

The Certified Educational Facilities Professional (CEFP) credentialing and Educational Facilities Professional (EFP) programs provide invaluable opportunities to put your career and advancement in your hands.

APPA member institutions and regional members can save on important career-enhancing training: All six APPA regions, as well as the MiAPPA chapter, offer **huge discounts** toward the CEFP and EFP Credentialing course. (Each region's pricing works differently. [Learn about the special pricing for your region.](#))

Customized Interactive Learning

The Customized Interactive Learning (CIL) is now part of the online APPA



Certified Educational Facilities Professional (CEFP) Credentialing curriculum. The CIL Platform offers a live, private Web event with peers and a qualified CEFP facilitator. This new feature is a valuable addition to the self-paced online course, which also includes flashcards, study modules, practice exams and chapter quizzes, and access to the online study guide and APPA's Body of Knowledge (BOK).

Why undertake this program? A recent CEFP participant had this to say: "The study material was excellent. The study guide and flashcards were paramount." Get the credentials you need to lead! Learn more about this new and improved program [here](#) and register to earn your CEFP credential today.

Questions? Contact Kelly Ostergrant at kelly@appa.org.

INFORMATION AND RESEARCH

2015–16 Facilities Performance Indicators (FPI) Survey Seeks Your Input

APPA would like to see your institution represented in the 2015–16 Facilities Performance Indicators (FPI) Survey and Report, and you only have until **December 12** to be included.

It's easy to participate: To access the 2015-16 FPI survey (available to all APPA and non-APPA member institutions), log in to your myAPPA account page. Under the myResearch heading, click the "FPI Survey Access" link. A new page will then populate and let you to click the survey link, which will take you to the survey home page.



Why add your info? To become one of the more than 450 learning institutions that are realizing the benefits of APPA's FPI performance measurement services. FPI empowers the educational facilities professional with the vital data, statistical references, and reporting tools needed to measure operations and performance, identify capital asset realities, and lead a successful facilities strategy that supports the institution's mission and vision.

The FPI Survey and Report:

- Makes the business case for your needs
- Addresses capital asset realities
- Creates a balanced performance scorecard based on critical data findings
- Compares and contrasts your facilities operations with other institutions
- Aligns facilities planning with your institution's mission and vision

For more about the FPI and its value to your institution and our profession, go to <http://www.appa.org/research/FPI/index.cfm> .

Feel free to submit feedback, questions, or comments to APPA staff member Christina Hills at christina@appa.org .

Daigneau's Book Provides Practical Guidance on High-Performance Management



If you're looking for ways to be a more effective manager, pick up William A. Daigneau's *Product-Process-People: The Principles of High-Performance Management*, recently published by APPA.

David Bachrach, who recruited Daigneau from the University of Rochester to the University of Texas MD Anderson Cancer Center in Houston, calls the author "without a doubt among the best of the best" managers and leaders in the field.

To learn more or to order *Product-Process-People*, visit the [APPA Bookstore](#).

INDUSTRY NEWS

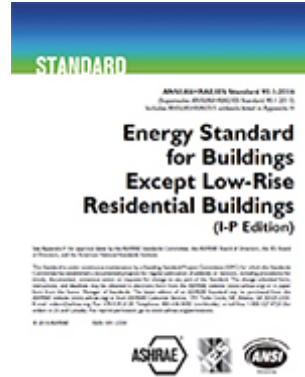
AASHE Launches Sustainability Hub as Resource Center



The Association for the Advancement of Sustainability in Higher Education (AASHE) has launched the [Campus Sustainability Hub](#) as a one-stop shop for access to toolkits and resource collections about all aspects of sustainability in higher

education, from academics to operations to governance. Users can browse by topic, content type, or search terms.

ASHRAE/IES Publish 2016 Energy Efficiency Standard



A newly published ANSI/ASHRAE/IES Standard 90.1-2016, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, provides energy-savings measures resulting from industry input and contains 125 addenda published since the 2013 version.

The 2016 version has a new format, a new way of incorporating reference material from other standards, and a performance path for compliance that rewards designs for energy cost levels above the standard minimum. The most significant technical changes are in Building Envelope, Lighting, Mechanical, and Energy Cost Budget (ECB) and Modeling.

Cost: \$119, ASHRAE members, and \$140, non-members. To order, go to www.ashrae.org/bookstore.

Organization Transforms to Enhance Focus on Sustainability

SDSNedu has transformed into the SDG Academy, expanding and building on its mandate to help achieve the Sustainable Development Goals as the flagship education initiative of the Sustainable Development Solutions Network (SDSN).



The SDG Academy provides online courses and interactions with its leadership, including a number of free resources. For more information, go to <https://courses.sdgacademy.org/>.

U.S. and Canadian Manufacturers Make Progress in Recycling Glass

U.S. manufacturers used more than 1.7 billion pounds of recycled glass in the production of residential, commercial, and industrial thermal and acoustical insulation, according to a survey by the North American Insulation Manufacturers Association (NAIMA) of member use of pre- and post-consumer recycled materials in insulation and acoustical products in 2015. NAIMA Canada members used 373 million pounds of recycled glass in the production of residential, commercial, industrial, and air handling thermal and acoustical insulation.

In that year, U.S. and Canadian facilities used more than 666 million pounds of recycled blast furnace slag in the production of thermal and acoustical insulation.

Since the industry's recycling program began in 1992, NAIMA members' plants have diverted more than 52 billion pounds of recycled materials from the waste

stream. Survey results illustrate the significant impact that an industry can have through the conscientious use of materials, according to NAIMA.



For more information about the environmental benefits of fiber glass, rock wool, and slag wool, visit www.insulationinstitute.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 5,200 educational facilities management professionals throughout the United States and abroad.

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