



Inside APPA

LEADERSHIP IN EDUCATIONAL FACILITIES

May 14, 2014
Vol. 14, No. 10

APPA Events

May 22, 2014
APPA Facilities Drive-In Workshop (sponsored by 3M)
East Lansing, MI
(Michigan State University)

Jun 24, 2014
APPA Facilities Drive-In Workshop (sponsored by Tandus-Centiva)
Lexington, VA (Virginia Military Institute)

Jun 25, 2014
APPA Facilities Drive-In Workshop (sponsored by Armstrong International)
Lexington, VA (Virginia Military Institute)

Jul 10, 2014
Credentialing Prep Course (CEFP & EFP)
Richmond, KY (Eastern Kentucky U)

Jul 20, 2014
APPA Senior Facilities Officers (SFO) Summit
San Diego, CA

Jul 20, 2014
APPA Emerging Professionals (EP) Summit
San Diego, CA

Jul 21-23, 2014
APPA 2014:

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

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**Centennial
Celebration & Annual
Conference**

San Diego, CA

**Jul 24, 2014
Credentialing Prep
Course (CEFP & EFP)**

San Diego, CA

**August 7, 2014
APPA Facilities Drive-
In Workshop (spons.
by J+J Flooring
Group)**

Austin, TX (University
of Texas)

**Sep 7-11, 2014
APPA U: Institute for
Facilities Management**

Orlando, FL

**Sep 7-11, 2014
APPA U: Leadership
Academy**

Orlando, FL

**Sep 12, 2014
Credentialing Prep
Course (CEFP & EFP)**

Orlando, FL

**Oct 31, 2014
Credentialing Prep
Course (CEFP & EFP)**

Kansas City, MO

**APPA Region &
Chapter Events**

**May 14-16, 2014
Florida APPA
(FLAPPA) Annual
Conference**

Daytona Beach, FL
(Embry-Riddle
Aeronautical University)

**May 24-28, 2014
Georgia APPA
(GAPPA) Annual
Conference**

Jekyll Island, GA

**Jun 19-20, 2014
Maryland/DC Annual
Summer Educational
Program**

Solomons, MD



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HEADLINE NEWS

The Emerging Professionals Summit and Senior Facilities Officer Summit: Special Programming at APPA 2014

APPA 2014 is the premier annual event for facilities professionals, offering them the ultimate networking and learning experience. Among the many APPA 2014 offerings are two special programs, both to be held on July 20, the day before APPA 2014 officially begins:



- The **Emerging Professionals Summit** provides a unique opportunity for emerging professionals to network with senior leaders in the educational facilities field, engage in speed mentoring, hear from invited panelists on the importance of facilities management from an academic perspective, and more.
- The **Senior Facilities Officers Summit (SFO)** provides a unique opportunity to engage with leaders in the higher educational facilities management profession. This is an environment built for networking and idea sharing for those who are new to this level of leadership and those who have been leading for some time.

[Learn more](#). Space is limited for both programs. [Register today](#) !

APPA NEWS

Jun 23-26, 2014
[APPA's Supervisor's Toolkit \(spons. by University of Texas at Austin\)](#)
Austin, TX

Sep 16-20, 2014
[MAPPA 2014 Conference](#)
West Lafayette, IN

Sep 21-24, 2014
[ERAPPA 2014 Conference](#)
Atlantic City, NJ

Sep 22-24, 2014
[RMA 2014 Conference](#)
Santa Fe, NM

Sep 22-26, 2014
[APPA's Supervisor's Toolkit \(spons. by SRAPPA\)](#)
Melbourne, FL (Florida Institute of Technology)

Sep 29 - Oct 3, 2014
[APPA's Supervisor's Toolkit \(spons. by Louisiana State U.\)](#)
Baton Rouge, LA

Oct 4-7, 2014
[SRAPPA 2014 Conference](#)
Huntington, WV

Oct 4-8, 2014
[PCAPPA 2014 Conference](#)
Vancouver, BC, Canada

Oct 11-15, 2014
[CAPPA 2014 Conference](#)
El Paso, TX

Oct 20-24, 2014
[APPA's Supervisor's Toolkit \(spons. by SRAPPA\)](#)
Richmond, VA (University of Richmond)

Nov 3-7, 2014
[APPA's Supervisor's](#)



APPA's Annual Conference and Exhibition Fast Approaching

APPA 2014, will be held July 21-23 in San Diego. The event's general sessions, concurrent sessions, and other offerings deliver the insight you need to succeed in your mission, and include:

Top That!: The Place of Place in Higher Education's Next 100 Years *An APPA 2014 General Session*

The college and university campus may have been the most important invention of the Late Middle Ages. For generations, skilled and dedicated stewards breathed magic into campus buildings and grounds effectively setting the stage for magical, purposeful, and enduring relationships between teachers and learners. While the modern campus has survived and prospered through wars, social unrest, hurricanes, floods, and wild economic gyrations, some think that the Digital Revolution may pose the greatest threat to these sacred spaces. This panel celebrates 100 years of APPA support for the stewards of our campuses and looks forward to the changing landscape of higher education and how these changes will affect and be affected by the campus.

Concurrent sessions include:

- Breaking the Deferred Maintenance Cycle Through Comprehensive Stewardship
- An Energy Efficiency Partnership (CCC/IOU) – Public/Private Success Story
- Beyond Green Cleaning
- Developing Emergency Plans
- Anatomy of a Great Presentation

View all the knowledge-packed sessions at www.appa.org/training/APPA2014/index.cfm. Learn more and register today at www.appa.org/training/appa2014.

BUSINESS PARTNER WHITEPAPER SERIES



Sustainability at Seattle University Starts with the Built Environment

by Matt Wegworth, McKinstry
and

Steve Szablya, Director of Facilities Operations and Maintenance, Seattle University

[Toolkit \(spons. by U. Tennessee\)](#)
Knoxville, TN

Other Events

Jun 15-17, 2014
[20th IEEE University Government Industry Micro/Nano Symposium](#)
Cambridge, MA
(Harvard University)

Jun 24-26, 2014
[Cleaning Management Institute's Train the Trainer Event for Custodial Technicians](#)
Columbus, OH (Ohio State University)

Aug 6-8, 2014
[Cleaning Management Institute's Train the Trainer Event for Custodial Technicians](#)
Seattle, WA

Aug 31-Sep 3, 2014
[TEFMA Annual Conference \(Tertiary Education Facilities Management Association\)](#)
Cairns, Queensland, Australia

Oct 13-17, 2014
[HEFMA 2014 Annual Conference \(Higher Education Facilities Management Association of Southern Africa\)](#)
Port Elizabeth, South Africa

Oct 14-16, 2014
[Cleaning Management Institute's Train the Trainer Event for Custodial Technicians](#)
Philadelphia, PA

Oct 22-25, 2014
[PGMS School of Grounds Management & GIE+Expo](#)
Louisville, KY

Seattle University is dedicated to reducing carbon emissions campus-wide. The facilities team recognizes that the greatest impacts on this front come through pragmatically managing the mechanical and electrical systems within the 41 existing buildings on campus. Partnering with McKinstry, an energy services company, the university's facilities team planned upgrades and deferred maintenance schedules over a 20-year timeframe, identifying which projects needed to be phased and mapping out the order of facility improvements.

This analysis included steam and hydronic systems, domestic hot water, distributed vs. central plant for chilled water and heating, electrical power distribution, building automation, gas piping, and utility data benchmarking. Economic analysis included capital, operational, and maintenance costs, and included evaluation of utility rate structures and options. The resulting Utility Master Plan was combined with the Major Institutional Master Plan to provide the most economic and efficient implementation strategy for capital funded projects to improve utility systems, upgrade aging equipment, allow for program changes, and meet growing demands on the campus infrastructure. All of this planning and investment is already showing results. Despite the square footage of the campus growing by 20% over the past 10-15 years, the University has kept energy spending completely level. [Learn more.](#)

At right, above, Connolly Photo of Seattle U Facilities Team



PROFESSIONAL DEVELOPMENT AND CREDENTIALING



Get Your Career on Track for Success—Become APPA Certified!

Register and receive a discount of \$200 off your exam fee!

Upcoming Credentialing Prep Courses and Exams:

Thursday, July 10, 2014 - Richmond, KY

Thursday, July 24, 2014 - San Diego, CA

Friday, September 12, 2014 - Orlando, FL

Friday, October 31, 2014 - Kansas City, MO

Managing a campus is like managing a small city. It takes vision coupled with a comprehensive understanding of structures and their environments. Gaining an APPA certificate shows that you get it: you are familiar with standards and best practices, have the ability to perform research-backed stewardship, and know the principles that contribute to creative and sound decision making. Learn more about what APPA's [Educational Facilities Professional \(EFP\)](#) credential and the [Certified Educational Facilities](#)

Oct 26-29, 2014
AASHE Annual
Conference
(Association for the
Advancement of
Sustainability in
Higher Education)
Portland, OR

[Professional \(CEFP\)](#) designation can do for your career. Register for an upcoming prep course and exam [today](#) !

A PPA INFORMATION & RESEARCH

Access the 2012-13 APPA Facilities Performance Indicators Report

The 2012-2013 [Facilities Performance Indicators \(FPI\)](#) report is now available. Containing a wealth of data from a broad sampling of APPA member institutions, the report helps you:

- Make the business case for your facilities needs
- Successfully address capital asset realities
- Create a balanced performance score card based on critical data findings
- Compare and contrast your facilities operations with other institutions
- Align facilities planning with your institution's mission and vision



The FPI is free to APPA members who ALSO participated in the survey, or available for purchase. To access your 2012-13 FPI report, log in to your [myAPPA account page](#). Under the myResearch heading click the link titled, "FPI Report Access."

APPA Member/Survey Participant Report: Free
APPA Member/Non-Survey Participant Report: \$500
APPA Non-member/Survey Participant Report: \$895
APPA Non-member/Non-survey Participant Report: \$1,000

The 2013-14 FPI Survey opens in early July 2014.

Operational Guidelines Trilogy Now Available as E-Book



APPA's popular book series, [Operational Guidelines for Educational Facilities](#), is now available in an easy-to-access (via Internet), easy-to-use e-book format, ready to read on your computer, tablet, or smartphone. Note that you need an Internet connection to access the e-books. The books in the Operational Guidelines Trilogy include Custodial (third edition), Grounds (second edition), and Maintenance (second edition). The new "flip-file" e-books allow you to easily navigate to the chapter or section you need. Text is completely keyword searchable. The price for the new flip-file e-books will be the same as the printed book—each title costs \$85 for APPA member

institutions, or \$110 for nonmembers. Order at www.appa.org/bookstore.

Introducing APPA's New Book Series: Critical Issues in Facilities Management

APPA is pleased to announce a new book series on topics of current and ongoing interest to educational facilities professionals. **Critical Issues in Facilities Management** will be a periodic release of a new subject-themed anthology, bringing together the writings of the best and brightest in the campus facilities enterprise. The first two books in the series are *Environmental Sustainability* and *Energy Efficiencies*, and the price for each is the price for each is \$30 for APPA member institutions; \$45 for nonmembers.

[Environmental Sustainability](#) is an anthology of 14 chapters and an extensive resource list on topics related to campus sustainability and environmental stewardship.

[Energy Efficiencies](#) is an anthology of 15 chapters and an extensive resource list on topics related to campus energy management and conservation.

Future topics in the series will cover leadership issues, disaster management case studies, space management and utilization, and more. Interested in writing for a future Critical Issues book?

Contact [Steve Glazner](#) at APPA.



INDUSTRY NEWS

U.S. Green Building Council Releases Ranking of Top 10 Countries for LEED Outside the U.S.

The U.S. Green Building Council (USGBC) has released its ranking of the top 10 countries for LEED® outside of the United States. The list reflects the global adaptability of the world's most widely used and recognized system guiding the design, construction, operation, and maintenance of green buildings. The ranking of the top 10 countries for LEED outside of the U.S. is based on cumulative gross square meters of space certified to LEED in each nation as of April 2014:

- Canada tops the list, with 17.74 million GSM of LEED space. Collectively, Canada boasts 4,068 total LEED-registered and -certified projects, representing 58.66 million total GSM of LEED space.
- China and India, two rapid adopters of sustainable building practices, took second and third place, respectively boasting 14.30 million and 11.64 million GSM of LEED-certified space.
- Other Asian nations in the top 10 include South Korea, at No. 4 with 3.84 million GSM of LEED-certified space; Taiwan, at No. 5 with 2.98 million GSM; and Singapore, at No. 8 with 2.16 million GSM.
- In Europe, Germany and Finland secured spots 6 and 10, respectively — Germany with 2.90 million GSM of LEED-certified space and Finland with 1.45 million.
- In South America, Brazil stood at No. 7 on the list, with 2.85 million GSM, while the United Arab Emirates represented green building success in the Middle East, at No. 9 with 1.82 million GSM of LEED-

certified space.

[Learn more.](#)

Governor Cuomo Announces Winners of PowerBridgeNY Contest to Drive Development of Clean Energy Products

New York Governor Andrew Cuomo recently announced the first round of awards from PowerBridgeNY, a recently created Proof-of-Concept Center established to move clean-energy ideas from the laboratory to become successful businesses in New York State. The program was created by Columbia University and New York University Polytechnic School of Engineering, leading a consortium of public research institutions throughout the state. PowerBridgeNY's award winners receive up to \$150,000, mentoring, and other business support to develop an innovative cleantech product first conceived through research taking place in New York State. First round winners are:

- **Columbia University:** Early detection of problems in wastewater treatment microbial processes to reduce energy costs; turning carbon dioxide waste and electricity into fuels or chemicals to reduce reliance on fossil fuels; new, low-cost device to measure energy use during energy audits; and forecasting machine to improve grid reliability and boost efficiency.
- **NYU Polytechnic School of Engineering:** Reducing electricity outages, wireless recharging of electric vehicles, and building a more efficient power transformer.
- **City University of New York:** Reducing dust on solar panels to increase energy efficiency and improving energy efficiency of HVAC technology.
- **Cornell University.** Longer battery life and faster recharge time for new lithium oxide batteries. And also new material to absorb carbon dioxide emissions.
- **Brookhaven National Laboratory:** Reducing cost of fuel cells and electrolyzers.
- **University of Stony Brook:** Generating clean energy from railroad track vibrations.

[Learn more.](#)

CSI and CSC Release MasterFormat® 2014 Update

Updates include significant revisions in several areas

CSI and CSC have released the 2014 updates to MasterFormat®, their flagship product used to organize construction documents for commercial, industrial, and institutional building projects in the United States and Canada. Several significant revisions are included in this update, among them the addition of “selective demolition” sections to most divisions of the format, providing guidance for companies and project managers who need to incorporate demolition into their plans. Additional changes in the 2014 edition include:

- Renaming Division 40 from “Process Equipment” to “Process Interconnections,” and overhauling its content;
- Reorganizing “Process Liquid Pumps” in Division 43, as a result of input from members of the Hydraulic Institute; and
- Moving “Manufactured Planters” and “Site Seating and Tables” to

Division 32 to better align with other site-based work and renaming their former Division 12 location to “Interior Public Space Furnishings” to address similar types of furnishings used in indoor settings.

[Learn more](#) .

Sustainability. Professionalism. Networking.



October 22-25, 2014 Galt House, Louisville, KY

PGMS Lining Up School of Grounds Management for GIE+EXPO - Registration Now Open

Grounds professionals looking for a diverse line-up of educational topics, all available in one location, should make sure they are in Louisville, KY, October 22– 25 for the Professional Grounds Management Society’s (PGMS) highly anticipated 2014 School of Grounds Management & GIE+EXPO. This year’s event is offering twelve education programs, live concerts, networking, and much more! [Learn more](#) .

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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.

APPA: Leadership in Educational Facilities
1643 Prince Street • Alexandria, VA 22314
Ph: 703.684.1446 • Fax: 703.549.2772 • Web: www.appa.org

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