



Inside APPA

LEADERSHIP IN EDUCATIONAL FACILITIES

February 16, 2011
Vol. 11, No. 4

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

Questions? Comments? News?
Contact [Steve Glazner](#), Director of Knowledge Management
Visit APPA's [Virtual Membership Directory](#)

APPA Events

Mar 2, 2011
[Facilities Drive-In Workshop](#)
(sponsored by [Skirball Cultural Center & Tandus Flooring](#))
Los Angeles, CA

CONTENTS

- [Headline News](#)
- [APPA News](#)
- [Professional Development and Credentialing](#)
- [APPA Bookstore](#)
- [Industry News](#)

Apr 3-5, 2011
[6th Annual Smart & Sustainable Campuses Conference](#)
College Park, MD
(Co-sponsored by APPA)

[Sponsorship Advertisement by e-Builder]

Apr 3-7, 2011
[Leadership Academy](#)
Asheville, NC

Apr 8, 2011
[EFP Prep Course](#)
Asheville, NC

Apr 8, 2011
[CEFP Examination](#)
Asheville, NC

Apr 8 or 9, 2011
[EFP Examination](#)
Asheville, NC

Jul 16-18, 2011
[APPA 2011](#)
Atlanta, GA

Oct 3-7, 2011

Avoiding the Pitfalls of Capital Planning

Learn effective and proven strategies to avoid cost overruns resulting from poor planning, and how to recognize and avoid the real (but avoidable) pitfalls that can keep you from meeting your universities budgetary and strategic goals.

REGISTER

Complimentary for APPA members

Sponsored by



HEADLINE NEWS

Renew Your APPA Membership Today

- Access to the APPA Body of Knowledge (BOK)
- Professional development, education/training, and credentialing
- Opportunities to network with your peers from more than 1,500 learning institutions throughout the United States, Canada, and abroad
- A chance to be part of the Facilities Performance Indicators program

[ACUHO-I/APPA Housing Facilities Conference](#)
Orlando, FL

Region/Chapter Events

Feb 16-19, 2011
[CAPP Technology and Leadership Conference](#)
San Antonio, TX

Mar 2-3, 2011
[NCAPPA Conference](#)
Raleigh, NC

Mar 11, 2011
[MD/DCAPPA Chapter Meeting](#)
Washington, DC

Mar 30-Apr 1, 2011
[NJAPPA 5th Annual Spring Conference](#)
Galloway Township, NJ

May 16-17, 2011
[23rd Annual TNAPPA Conference](#)
Johnson City, TN

Sep 12-14, 2011
[RMA 2011 Conference](#)
Regina, SK, Canada

Sep 23-28, 2011
[CAPP 2011 Conference](#)
Springfield, MO

Oct 2-5, 2011
[ERAPPA 2011 Conference](#)
Halifax, NS, Canada

Oct 7-13, 2011
[MAPPA 2011 Conference](#)
Cincinnati, OH

Oct 16-18, 2011
[PCAPPA 2011 Conference](#)

and gain a comprehensive perspective on your facility's operating costs, staffing levels and expenses, building and space costs and usage, strategic financial measures, and also see how you rank with peer institutions

- Subscription to *Facilities Manager*, APPA's bimonthly magazine.

Are these some of the things that come to mind when you think of APPA? Take an important step today to ensure you continue to receive these benefits.

The 2011-2012 membership year begins on April 1, 2011. Renewal notices have been sent and APPA appreciates your prompt payment. Your regional membership dues also will be included in the invoice, as well as the opportunity to purchase or renew your BOK subscription using the same invoice. You may return your payment by U.S. mail or pay online with your credit card at <http://www.appa.org/membership/duesrenewal.cfm>. For questions or additional information, e-mail membership@appa.org.

APPA NEWS



APPA Facilities Drive-In Workshop For Area Colleges, K-12s and Museums

Wednesday, March 2, 2011
10:00 am - 2:00 pm

Skirball Cultural Center
Haas Conference Center
2701 North Sepulveda Blvd
Los Angeles, CA

Register Today for the March 2 Facilities Drive-In Workshop
Skirball Cultural Center, Haas Conference Center, Los Angeles, CA
Join your peers in the educational facilities profession for this workshop and networking opportunity in Los Angeles. Workshop registration and luncheon is complimentary.

Who Should Attend

Facilities directors, managers, supervisors, and technical personnel from area educational institutions, facilities professionals from colleges and universities, K-12 private academies,



Hosted by:  Skirball
Cultural Center

Event Sponsor:  Tandus
FLOORING

San Francisco, CA

Oct 16-18, 2011
SRAPPA 2011
Conference
Jackson, MS

Other Events

Feb 20-26, 2011
National Engineers
Week

Feb 22, 2011
Residential Building
Energy Codes - IECC
2012 and Beyond: A
Free DOE Webinar
12:00 p.m. Eastern

Feb 22-25, 2011
IDEA's 24th Annual
Campus Energy
Conference: Cleaner
Energy, Greener
Campus
Miami, FL

Feb 23, 2011
Avoiding the Pitfalls
of the Capital
Planning Process to
Meet Strategic and
Budgetary Goals--an
e-Builder webinar
1:00 p.m. Eastern

Mar 10-11, 2011
2011 National
Electrical Code
Update Seminar
Jonesboro, AR

Mar 16, 2011
Submission Deadline
for Call for Papers for
AASHE 2011
Conference & Expo

Apr 27-29, 2011
Green Cleaning &
Science
Atlanta, GA

May 11-13, 2011

and public schools, museums, and libraries are encouraged to attend.

Cutting-Edge Topics

This four-hour program provides an overview on the latest technology advancements and best practices with regard to building design, construction, and interior flooring.

- *Environmental/Sustainable Design.* Enhance your understanding of issues driving demand for sustainable design for college/university projects and familiarize yourself with environmental standards/rating systems, including LEED and LEED EB.
- *Smart Specifications: Evaluating the Right Flooring for the Right Application.* Gain perspective on the strengths and weaknesses of various flooring options for different types of interiors and the impact of flooring on indoor air quality, acoustics, and other environmental factors.

Register online at www.appa.org/tandusSCC.

ASHRAE Announces Revised 90.1 Building Energy Standard Will Support Energy Savings of 30 Percent or Greater

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) recently published ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings. Extensive analysis work for this standard was performed by a team from Pacific Northwest National Laboratories in support of the DOE Building Energy Codes Program. Sixteen different building prototypes were modeled in 17 different climate zones for a total of 272 building types and climate zone combinations.

Without plug loads, the newly revised standard provides for site energy savings of 32.6% and energy cost savings of 30.1%. Including plug loads, the site energy savings are estimated at 25.5% and energy cost savings 24%. On a nationally aggregated level, building type energy savings ranged from 8.8% to 38.3% and energy cost savings from 7.9% to 33.6%. These figures include energy use and cost from plug loads.

These reported energy savings were achieved as a result of several changes made under the revised 90.1 standard, to include the following:

- The Scope of the standard was expanded so that 90.1 covers receptacles and process loads, including data centers. This allows future addenda to the standard to address energy consuming equipment and systems previously outside its scope.
- Building Envelope: Continuous air barrier and cool/high albedo roof requirements were added.
- Lighting: Most interior Lighting Power Densities were lowered, and additional occupant sensing controls and mandatory daylighting requirements were added for specific spaces, along with a new five-zone exterior Lighting Power Density table.
- Mechanical: Under the revised standard most equipment efficiencies are higher, energy recovery is required in more applications, economizers are required in more climates, and more energy-conserving controls are required.

2011 Energy/Facilities Connections

Leavenworth, WA

**Jun 23-24, 2011
2011 ACUPCC Climate Leadership Summit**

Washington, DC

**Aug 10-12, 2011
National Conference on Building Commissioning**

Cincinnati, OH

**Oct 9-12, 2011
AASHE 2011 Conference & Expo**

Pittsburgh, PA

Learn more about NSI/ASHRAE/IES Standard 90.1-2010 at www.ashrae.org/pressroom/detail/2011-01-31.

You'll also learn more about the new standard's impact on higher education facilities in a future issue of *Facilities Manager*.

PROFESSIONAL DEVELOPMENT AND CREDENTIALING

ACUHO-I/APPA: Housing and Facilities Conference – Call for Papers is OPEN

Presented in partnership with ACUHO-I, the annual ACUHO-I/APPA Housing and Facilities Conference (Oct. 3-7 in Orlando, FL) explores topics related to housing facilities including best practice for maintaining, building, or renovating college and university campus housing facilities. Our programming goal for this year is to meet the needs of our membership base comprising professionals who represent K-12, community colleges, and public & private four-year Institutions. Successful submissions will address the above topical areas while being applicable to the audiences listed. If you are interested submitting visit us [today!](#)



APPA 2011: CUTTING EDGE AND INSIGHTFUL

APPA 2011 Conference and Exhibition

July 16-18, 2011

Hilton Atlanta – Atlanta, GA

APPA 2011 is the premier event for educational facilities professionals... the ultimate networking and learning experience for facilities officers, directors, and management personnel at every level, and from around the world.

APPA 2011 will explore the latest trends, challenges, and solutions facing facilities organizations within colleges and universities; K-12 private academies and public school systems; libraries, museums, and other institutions of learning.

APPA 2011 will offer over 40 conference sessions with diverse perspectives from today's leading facilities officers, campus administrators, college presidents, students, and education experts who are shaping and influencing the direction of education and the campus facilities environment.

For the latest on APPA 2011, visit us at www.appa.org/training/APPA2011/index.cfm.

Developing Your Staff is the Key to Your Institution's Success!

Spring is Near - Get In Gear

Join APPA April 3-7 in Asheville, NC at The Historic Grove Park Inn

Arm Your Supervisors For Tomorrow's Changing World

Register today for APPA's Supervisor's Toolkit - the one program that can provide your staff with the tools necessary to transform and meet the changing the nature of management and the roles of supervisors.

Leadership is Everyone's Responsibility

APPA's Leadership Academy enhances and further develops leadership throughout the educational industry. Register today for the program that will provide opportunities for you to increase your awareness of industry issues, to learn the skills necessary to handle today's changes, and to discover the leadership potential within you!

Visit us at www.appa.org/training/eventregistration today!



Get Credit and Accredited For Your Management Expertise

April 2011 in Asheville, NC

July 2011 in Atlanta, GA

Are you getting the recognition you deserve for your management expertise? Two APPA professional credentials can help you get it. The Educational Facilities Professional (EFP) and the Certified Educational Facilities Professional (CEFP) credentials establish a standard for professional practice in the field of education facilities management. They demonstrate your competence and acumen in your field, which can enhance your standing both within the professional community and on your campus. Make 2011 the year you get the professional recognition you deserve. Register today for the [EFP Prep Course](#), [EFP Exam](#), or the [CEFP Exam](#).

For additional information about APPA's credentialing programs contact Christina Hills at christina@appa.org.

APPA BOOKSTORE

The APPA Body of Knowledge: The Essentials for the Practice of Educational Facilities Management

The APPA Body of Knowledge (BOK) puts you in touch with the latest information from the experts in educational facilities management--the information that can help your facilities perform at their best. Continuously updated, three new chapters have already been added this year:

- In-house Design/Construction Services
- Sustainable Design and Construction
- Cooling Systems & Thermal Energy Storage (replacing District Heating and Cooling Distribution Systems and Central Cooling Systems)

Learn about these new topics as well as the many others in the BOK's 55 chapters on every aspect of educational facilities management at www.appa.org/bok.

The quality of all BOK content is assured by our strong team of 60 peer reviewers—educational facilities professionals like you. View a list of our reviewers at www.appa.org/BOK/bokpeers.cfm. Let us know if you'd like to join their ranks by putting your own expertise to use.

If you haven't already subscribed, you're missing out on the most authoritative and up-to-date information on the practice of educational facilities right at your fingertips.... 24 hours, seven days a week...and made available online to you and every staff member at your institution! APPA members can enjoy this benefit (a 12-month subscription) at the member price of \$199.00 per institution. This one low subscription price provides online access to your entire staff. Learn more about the benefits of subscribing [here](#).



INDUSTRY NEWS

UT Austin Increases Power Plant Efficiency Using Existing Technology

The University of Texas at Austin has increased its total annual energy production efficiency by almost 30% over the last 13 years. \$150 million in energy efficiency improvements were paid for by reduced fuel consumption. Juan Ontiveros, director of utilities and energy management, explains how it was done using existing technologies and challenges other power plants to do the same in this February 9 [video clip](#) featured on planet FORWARD.



RecycleMania Kicks Off 2011 Collegiate Recycling Competition *11th Annual Tournament Taps Campus Rivalries to Promote Conservation*

RecycleMania springs back into action as college campuses compete to see who can reduce, reuse, and recycle the most on-campus waste. For an eight-week period, beginning in early February and running parallel to the NCAA basketball tournament, colleges and universities take part in an exciting competition that increases recycling participation by students and staff, and raises awareness about the significance of waste reduction programs on campuses. From February 6 through April 2, 2011, 630 schools will compete in nine categories to see who recycles the most on a per-capita

basis, who produces the least amount of waste, and who recycles the largest percentage of their overall waste stream. These colleges and universities represent more than 6 million students and 1.5 million faculty and staff from 49 states, the District of Columbia and Canada. The list of institutions taking part is diverse, ranging from Brigham Young University to Yale University to Labette Community College in Parsons, Kansas. [Learn more.](#)

Teladata and the IFMA Foundation Publish Sustainability 'How-to' Guide on Green, Energy Efficient Data Centers

Northern California technology consulting firm Teladata has authored "Turning Data Centers Green," a new guide in the nonprofit IFMA Foundation's Sustainability "How-to" Guide series of publications. The guide focuses on implementing energy conservation strategies in what is often viewed as the most difficult and critical area of any organization: the data center/server room. Using real world tips and proven methods, the guide reveals the pitfalls facility managers face when undertaking "greening" initiatives in technology rooms. It highlights the latest energy efficient technology options as well as the best approaches to: planning the project, gaining support from IT, building the case to upper management, and capitalizing on the benefits of an efficient data center. The guide also covers:

- Planning for a data center energy efficiency project
- Optimizing your energy efficiency
- Measuring efficiency
- Getting the most from your power utility
- Retiring data center assets

"Turning Data Centers Green" is available for free on the IFMA Foundation website at www.ifmafoundation.org.

U.S. Energy Information Administration Revamps Website

The U.S. Energy Information Administration (EIA) recently launched the first phase of its redesigned website featuring improved content, navigation, and design. All of the information that over 2 million visitors find each month at EIA.gov is still available, along with:

- *Today in Energy* - a new energy education product published every weekday highlighting current issues, topics, and data trends in short articles written in plain language
- New homepage and improved navigation to make it easier for customers to find the abundance of EIA information and data and better showcase the breadth and depth of EIA content
- Updated logo and dramatic new visual identity to help re-introduce EIA, its initiatives, and its programs

Visit www.eia.gov.

Green Building Initiative Will Create Jobs, Save Energy, and Save Money

U.S. Green Building Council applauds environmental and economic policy initiative

The U.S. Green Building Council (USGBC) applauds a key element of President Obama's plan to "win the future" by making America's commercial buildings more energy- and resource-efficient over the next decade. The

President's plan, entitled Better Buildings Initiative, catalyzes private-sector investment through a series of incentives to upgrade offices, stores, schools and universities, hospitals, and other commercial and municipal buildings. Leadership companies and organizations across America are already advancing the goals of the President's initiative using USGBC's LEED green building program to measure, manage, and verify the energy and resource savings that President Obama has demanded and by furthering USGBC's mission as corporate members. [Learn more.](#)

You are receiving this e-mail as a member of APPA, or because you requested it. Send any comments or questions to the [editor](#), Steve Glazner. Contact [Gerry Van Treeck](#) for advertising options. To ensure delivery of APPA's communications, please add steve@appa.org to your email address book or Safe Sender List. If you are still having problems receiving our communications, see our [whitelisting page](#) for more details.

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

Click [here](#) to unsubscribe