

September 21, 2016 Vol. 16, No. 18

#### **APPA Events**

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Add Your Own Events! <u>APPA's Online Calendar</u> <u>of Events</u> Focus on Educational Facilities

Sept 30, 2016 APPA Drive-In Workshop Indianapolis, IN (Butler Univ)

Oct 12, 2016 APPA Drive-In Workshop Schaumburg, IL (Roosevelt Univ)

Oct 19, 2016 <u>APPA Drive-In Workshop</u> (spons. by Tandus | <u>Centiva</u>) East Lansing, MI (Michigan State Univ)

Oct 24-27, 2016 ACUHO-I/APPA Housing Facilities Conference Scottsdale, AZ

Oct 30, 2016 <u>DEADLINE: Call for</u> <u>Proposals for Smart &</u> <u>Sustainable Campuses</u> <u>Conference</u> March conf in College Park, MD

Nov 1, 2016 <u>Registration opens for</u> Jan 15-19 APPA U, <u>Dallas, TX!</u> Online

Nov 4, 2016 <u>DEADLINE: Call for</u> <u>Programs for</u> <u>APPA/PCAPPA/BayAPPA</u> <u>2017 Conference</u> July conf in San Francisco, CA

Nov 30, 2016 DEADLINE to submit Welcome to Inside APPA, your biweekly electronic news source for regional and international APPA events, programs, publications, and industry information.

Questions? Comments? News? Contact <u>Steve Glazner</u>, Editor Visit APPA's <u>Virtual Membership Directory</u> Read <u>Inside APPA archives</u>

**Industry News** 

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Powering Business Worldwide

## **HEADLINE NEWS**

# New Entry in Thought Leaders Series Focuses on Remaking the Facilities Organization

APPA's just-released report on the 2016 Thought Leaders symposium focuses on **Remaking the Facilities Organization** and makes the case for a customer-centric higher education facilities organization. The report examines how a customer-centric focus can be applied to the four major responsibilities of educational facilities organizations: 1) general administration and management; 2) operations and maintenance; 3) energy and utilities; and 4) facilities planning, design, and construction. The report defines goals in each area and suggests strategies for achieving them.

Thought Leaders is a program of APPA's Center for Facilities Research (CFaR) and was developed to conduct dedicated discussions on the future of higher education and the impact of

applications for APPA's Institutional & Individual Awards Online

Dec 6-9, 2016 Women's Leadership Institute Dana Point, CA

Dec 9, 2016 <u>DEADLINE to submit</u> <u>nominations and</u> <u>applications for 2017</u> <u>APPA Elections</u> <u>nominations@appa.org</u>

Dec 12, 2016 DEADLINE to submit Key Facilities Metrics Survey APPA/NACUBO Collaboration

Dec 15, 2016 <u>DEADLINE to submit FPI</u> <u>survey - Facilities</u> <u>Performance Indicators</u> 2015-16 data

Jan 15-19, 2017 APPA U: Institute for Facilities Management and Leadership Academy Dallas, TX

Mar 26-28, 2017 Smart and Sustainable Campuses Conference College Park, MD

APPA Region & Chapter Events

Sep 25-28, 2016 RMA 2016 Conference (Rocky Mountain region) Flagstaff, AZ

Sep 26-30, 2016 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> <u>SRAPPA)</u> Asheville, NC (hosted by UNC Asheville)

Oct 1-5, 2016 MAPPA 2016 Conference (Midwest region) Des Moines, IA (hosted by Iowa State Univ)

Oct 8-12, 2016 CAPPA 2016 Conference (Central region) Little Rock, AR

Oct 10-13, 2016 APPA's Supervisor's that future on educational facilities.

Have insights to share on topics related to **Remaking the Facilities Organization**? We invite you to write an article or conduct research on such topics. For the full list of topics, go to <u>http://www.appa.org/Research/CFaR/tlsresearchtopics.cfm</u>.

All Thought Leaders reports are free, thanks to the generosity of long-time sponsor <u>Jacobs</u>, and may be downloaded from the <u>APPA Bookstore</u> or at <u>www.appa.org/Research/CFaR/tls.cfm</u>.



REMAKING THE FACILITIES ORGANIZATION



## APPA NEWS

Call for Papers Open for APPA/PCAPPA/BayAPPA 2017 Submission Deadline: November 4, 2016



gion of / Leadership in Educational Facilities



APPA/PCAPPA/BayAPPA invite readers to submit ideas for 2017 conference programs that present solutions for improvement and sharing of best practices or innovative approaches relevant to facilities professionals throughout the educational community – colleges, universities, community colleges, and K–12. The conference will be held July 21–23, 2017, in San Francisco, CA.

Eight to 10 educational sessions will run concurrently in two to three time slots per day. Each concurrent session will be 60 minutes long.

Your proposal should offer innovative, comprehensive, and diverse treatments of and solutions to challenges facing facilities professionals. Topics are:

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

Submission requirements are:

Toolkit (spons. by RMA) Albuquerque, NM (hosted by Univ of New Mexico)

Oct 10-14, 2016 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> <u>SRAPPA)</u> Lexington, KY (hosted by Univ of Kentucky)

Oct 15-18, 2016 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> <u>ERAPPA</u>) ERAPPA 2016-Niagara Falls, ON, Canada

Oct 16-19, 2016 <u>ERAPPA 2016 Conference</u> (Eastern region) Niagara Falls, ON

Oct 24-28, 2016 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> <u>SRAPPA)</u> Chapel Hill, NC (hosted by UNC Chapel Hill)

Nov 14-18, 2016 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> <u>SRAPPA)</u> Auburn U employees ONLY (hosted by Auburn Univ))

Mar 6-8, 2017 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> <u>MiAPPA</u>) University Center, MI (MiAPPA 2017-hosted by Saginaw Valley State Univ)

Mar 13-17, 2017 <u>APPA's Supervisor's</u> <u>Toolkit (spons. by</u> SRAPPA)

Atlanta, GA (hosted by Spelman College)

#### **Other Events**

Sep 27, 2016 How to Win the GameDay Recycling Challenge Webinar

Month of October 2016 Campus Sustainability Month Baltimore, MD

Oct 9-12, 2016 AASHE 2016 Conference Baltimore, MD

- 1. Program title that is three to five words long
- 2. Abstract in a five- to seven-sentence description
- 3. Four learning outcomes for the program
- 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 include all five items will be rejected automatically.

Deadline for submissions: **November 4, 2016**. Submissions may be made by e-mail to <u>callforprograms@appa.org</u>.

For the latest on the APPA/PCAPPA/BayAPPA 2017 Call for Programs and other program details, go to <a href="http://www.appa.org/training/APPA2017/index.cfm">http://www.appa.org/training/APPA2017/index.cfm</a> and click on Conference Sessions.

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

## Still Time to Apply or Nominate a Colleague or Institution for APPA Awards - Deadline: November 30

Now is the time to show your appreciation and admiration for the achievements of colleagues and institutions in the field of higher education facilities management. S ubmit a nomination or your own application for APPA's 2017 institutional and individual awards. APPA presents the Award for Excellence, Sustainability Award, Effective and Innovative Practices Award, APPA Fellow, Meritorious Service Award, Pacesetter Award, and more at our annual conference and expo.

Applications for all awards are now open and due by **November 30, 2016**. Complete descriptions and the online application process is available at:

<u>http://www.appa.org/membershipawards/index.cfm</u> . For more information, contact Christina Hills at <u>christina@appa.org</u>.

## Webinar to Discuss NFPA Codes Open for Public Input

The APPA Standards and Codes Council (ASCC) NFPA Work Group is looking for volunteers to review the upcoming NFPA Codes open for Public Input (changes) that are due on January 5, 2017. To assist members who are interested, we are offering a one-hour overview webinar on the following codes from 12 noon–1 p.m. (ET) on Wednesday, **Oct. 26**, presented by Bill Koffel of Koffel Associates, Inc.

Topics will be:

- NFPA 45 Standard on Fire Protection for Laboratories Using Chemicals
- NFPA 211 Standard for Chimneys, Fireplaces, Vents, and Šolid Fuel-Burning Appliances
- NFPA 1600 Standard on Disaster/Emergency Management and Business Continuity Programs

A Standards & Codes Alert will be sent to the membership in early October to register for the webinar. Questions? Send an e-mail to <u>standards@appa.org</u> or call Billie Zidek, standards and codes administrator, at 703-542-3846.

APPA also has a new webpage for members to alert the NFPA and I-Code work groups of any problems you encounter with NFPA and ICC codes. The form is at <a href="http://www.appa.org/standardcodesform.cfm">http://www.appa.org/standardcodesform.cfm</a> .

## APPA Positions to be Heard at Upcoming ICC Hearings in October

The APPA Standards and Codes Council and International Code Council (ICC) Work Group, operating under its auspices, submitted negative comments on several proposed code changes for the 2018 editions of the International Fire Code, portions of the International Building Code, and the International Energy Conservation Code that was approved during ICC hearings in Louisville, KY.

Oct 9-12, 2016 GameDay Recycling Challenge: Mid-Competition Highlights Webinar

Oct 17-21, 2016 HEFMA 2016 - Southern Africa

East London, South Africa (Univ of Fort Hare)

Oct 19-22, 2016 <u>PGMS School of Grounds</u> <u>Management & GIE\*Expo</u> Louisville, KY If you are a member of the ICC and plan to attend the upcoming ICC Annual Conference and hearings in Kansas City, MO, in October, we would like you to be aware of the positions that APPA submitted.

#### Background

Koffel Associates presented the ASCC's positions – including APPA's input – at the Technical Action Hearings in Louisville, KY, in April. The respective Technical Committees voted to approve four of the remaining eight supported proposals and to reject 11 of the remaining 16 proposals. The council further directed the work group to reaffirm the degree of its conviction for those measures it had taken a position on that were not supported by the ICC Technical Committee vote.

The work group met and deliberated in May and voted that the ASCC continue to oppose three of the proposed changes that the Technical Committee had approved, and not to challenge any of the proposals that the Work Group supported but which the Technical Committee disapproved.

The National Fire Sprinkler Association has challenged four proposals that had been defeated by the Technical Committee and succeeded in overruling the Technical Committee on at least two that the ASCC had agreed on with the committee's vote and opposed, thereby potentially restoring them back into the proposed 2018 edition.

For the proposals and APPA's positions, go to http://www.appa.org/standards icodes.cfm .

#### What You Can Do

Because many public colleges and universities have been granted limited or full authority over code enforcement, or permitting and inspections on their campuses, or have individuals involved in code writing or advocacy committees, they have a right to join the ICC as a voting Governmental member and cast from 4 to 12 votes (depending on institution size) on these questions.

If you are interested in working with the ICC Work Group on the Group A codes, contact APPA at <u>standards@appa.org</u>.

## Don't Miss Out on This Election – Consider Running for or Nominating a Colleague for an APPA Board Position

There's more than one election coming up. 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 are open for APPA Elected Officers, with nominations and application packages due on **December 9, 2016**. The APPA Board positions open for the 2017 election are President-Elect, Secretary-Treasurer, and Vice President for Professional Affairs.

Elected officers agree that the personal rewards and professional benefits outweigh any costs of engagement and the time expended. For more information and to submit nominations, go to <a href="http://www.appa.org/board/documents/OfficerNominationsElectionspacket17.pdf">http://www.appa.org/board/documents/OfficerNominationsElectionspacket17.pdf</a>.

#### **CAMPUS NEWS**

### Energy-Efficiency Project with Purchase College to Save Money for NY

A major energy-efficiency project between the New York Power Authority (NYPA) and Purchase College will save the school and, by extension, taxpayers millions of dollars. The project also helps New York reach the governor's goal of making all state-owned buildings 20 percent more efficient by 2020 and significantly reducing greenhouse gas emissions.

Full details are at <u>http://www.governor.ny.gov/news/governor-cuomo-announces-completion-92-</u> million-energy-efficiency-project-purchase-college.



#### Missouri S&T Has New Residence Hall for Fall

Students at the Missouri University of Science and Technology (Missouri S&T), Rolla, MO, have a new 450-bed University Commons residence hall to enjoy this fall. McCarthy Building Companies, Inc. and its partners completed the 125,000-square-foot residence hall in about half the time as a typical project of this scope by using efficient construction methods and materials.



"We're thrilled to have this new, state-of-the-art residence hall ready in time for returning students," said Ted Ruth, director of design and construction management at Missouri S&T. "From the start, the project ran smoothly."

The design-build project integrates a prefabricated panel system by Eisen Panel Group, St. Charles, MO, with specialized panels designed for immediate weather-proof capabilities and fast assembly. Made of cold-formed steel, the pre-assembled panels allow for complete enclosure of the building to reduce water infiltration and the potential for mold and mildew. KWK Architects and the Lawrence Group collaborated on the design of the project.

For more information about Missouri S&T, visit www.mst.edu .

### New Webinars Offered in GameDay Recycling Challenge

The GameDay Recycling Challenge (GDRC) offers a series of webinars this fall featuring Most Valued Players (MVPs) from previous Challenge cycles. Coming up this and next month are:

#### · How to Win the GameDay Recycling Challenge, Tuesday, Sep. 27

Hear from 2015 GDRC champs Louisiana State University and find out what it takes to host the most successful GameDay events your school has ever seen! Gain insights from Arizona State University guest presenters on how to get the whole campus on board.

#### • Mid-Competition Highlights, Monday, Oct. 17

Find out where your school stands in the GameDay rankings, and get inspired for the second half of the competition by guest presentations from North Carolina State University and the University of Notre Dame.

In 2015, 99 schools recycled 1,045 tons of materials and composted or recovered 229 tons of organic materials through the GDRC. Registration for the GameDay Challenge is open through September 30.

Sign up at https://connect.re-trac.com/register/gamedaychallenge .



## PROFESSIONAL DEVELOPMENT AND CREDENTIALING

Congratulations to APPA's Institute and Academy Graduates from September APPA U!



Leadership Academy graduates.



Institute for Facilities Management graduates. Photos by Rhonda Hole.

APPA Cosponsors Two Upcoming Conferences with Other Associations

The opportunities for professional development keep on coming, as APPA cosponsors two conferences with other associations in the next few months:

• ACUHO-I/APPA Housing Facilities Conference, October 24-27, Scottsdale, AZ, <a href="http://www.acuho-i.org/events/facilities">http://www.acuho-i.org/events/facilities</a> ;

• Women's Leadership Institute, cosponsored by CHEMA, December 6-9, Dana Point, CA, <u>http://acui.org/Programs/Seminars\_and\_institutes/2016\_Events/31226/</u>



## Call for Papers Open for Smart & Sustainable Campuses Conference Deadline: October 30, 2016



The annual Smart and Sustainable Campuses Conference aims to be the best participant-driven conference you can attend. The next conference will be held March 26-28, 2017, in College Park, MD, on the campus of the University of Maryland. APPA serves on the program committee, and we challenge you to embed community-building methods and facilitation into your presentations, workshops, and interactions with each other.

Please consider submitting a paper for presentation at the next conference; the deadline is October 30, and you can learn more

at http://smartandsustainable.umd.edu/call-proposals .

#### New Supervisor's Toolkit Training Programs Have Been Scheduled

#### <u>Register today to secure your space!</u>

APPA's **Supervisor's Toolkit** training is a structured, open-ended, pragmatic approach to developing supervisors, designed especially for the

educational facilities professional. It is not so much a training program as a development process designed to help supervisors realize both personal and professional growth. Supervisor's Toolkit

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

If you have any questions about the Supervisor's Toolkit or would like to host a Toolkit on your campus, contact Corey Newman at <a href="mailto:corey@appa.org">corey@appa.org</a>.

Upcoming offerings include several new events:

SRAPPA – University of North Carolina Asheville, September 26-30, 2016
MAPPA 2016 – Des Moines Marriott Downtown, October 1-5, 2016
RMA – University of New Mexico, October 10-13, 2016
SRAPPA – University of Kentucky, October 10-14, 2016
ERAPPA – ERAPPA 2016 - Niagara Falls Ontario, Canada, October 15-18, 2016
SRAPPA – University of North Carolina Chapel Hill, October 24-28, 2016
SRAPPA – Auburn University (*for Auburn employees ONLY*), 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

#### Be In Charge of Your Career Path – Earn the CEFP Credential Today APPA Regional Discounts Available!

APPA member institutions and regional members now have the opportunity to save on important career-enhancing training, specifically the invaluable <u>Certified Educational Facilities Professional</u> (<u>CEFP</u>) credentialing program and the Educational Facilities Professional (EFP) program. All six APPA regions, as well as the MiAPPA chapter, are offering **huge discounts** toward the CEFP and EFP Credentialing Course. However, 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



Fac ilities 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 Book of Knowledge (BOK).

Here's what a recent CEFP participant had to say about the course: "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 <u>here</u>. Register to earn your CEFP credential today.

Questions? Contact Kelly Ostergrant at kelly@appa.org for assistance and more information.

#### **INFORMATION AND RESEARCH**

#### **APPA** Conducting Survey on Emergency Eyewash and Shower Standard

APPA has sent members a Standards and Codes Alert about a survey regarding ANSI/ISEA Z358.1-2014 American National Standard for Emergency Eyewash and Shower Equipment. APPA is seeking inspection information of the systems referenced in the standard.

<u>Click here to participate in the survey</u>.

**Green Revolving Investment Tracking System Features New Capabilities** 



The <u>Sustainable Endowment Institute (SEI)</u> launched the <u>Green Revolving Investment Tracking</u> <u>System (GRITS)</u> last year to help institutions track their financial, energy, and carbon savings. APPA has partnered with SEI to provide GRITS as a free benefit to APPA member institutions.

Recently, GRITS released its newest version, which features:

- Data entry made easier.
- . The ability to organize all of your buildings and facilities.
- and more!

GRITS is now more powerful and customizable than ever before. For more information about the GRITS partnership and a video about how the program works, visit <u>www.appa.org/grits.cfm</u>.

#### **Product-Process-People Provides Practical Guidance on High-Performance Management**

If you're looking for ways to be a more effective manager, William A. Daigneau's *Product-Process-People: The Principles of High-Performance Management,* newly published by APPA, might be just what you need. David Bachrach, who recruited Daigneau from the University of Rochester to the University of Texas MD Anderson Cancer Center in Houston in 1992, calls the author "without a doubt among the best of the best" managers and leaders in the field.



"[Daigneau is] not preachy at all. Importantly, his principles apply across a wide range of disciplines," says Bachrach. "Bill's writing style is comfortable. The book flows easily across a wide range of subjects relating to the three principles that make up Bill's philosophy of leadership: Products...Processes...People."

To order Product-Process-People, visit the APPA Bookstore.

## See Where Your Institution Fits in with APPA/NACUBO Key Facilities Metric Survey Results for 2014–15

New Survey Now Open for Your Input

Have a voice in the picture of facilities management statistics: The 2015–16 APPA/NACUBO Key Facilities Metric survey is now open for your input through **December 12, 2016**. It is available online at <u>www.appa.org/nacubosurvey16</u> /. While some data can be considered broadly for benchmarking purposes, APPA members are urged to reflect upon their own numbers and evaluate for improvement every year.

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 year!



The survey provides information about basic facilities data to improve strategic planning, such as BTU, electrical and water consumption, waste output, and carbon footprint, that is critical for leadership to know. Results reflect these five key (and simple) elements that readily come from vendor or utility bills.

For additional information, <u>visit here</u> or contact <u>Sally Grans Korsh</u> at NACUBO or <u>Christina Hills</u> at APPA.

The APPA/NACUBO Key Facilities Metrics survey is supported by



#### Volunteer SMEs Needed to Review NFPA Codes

APPA seeks volunteer subject matter experts (SMEs) from member institutions to participate in reviewing three NFPA Codes. Your participation and support will help our NFPA Work Group create comments from APPA to be used as public input for the 2019 editions.

#### NFPA 45 - Standard on Fire Protection for Laboratories Using Chemicals

This standard shall apply to laboratory buildings, laboratory units, and laboratory work areas whether located above or below grade in which chemicals, as defined in NFPA 704, with one or more of the following hazard ratings, are handled or stored: health; flammability; or instability. This standard shall apply to all educational laboratory units and instructional laboratory units in which any quantity of chemicals, as defined in NFPA 704, with one or more of the same hazard ratings, is handled or stored.

**NFPA 211 - Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances** This standard applies to the design, installation, maintenance, and inspection of all chimneys, fireplaces, venting systems, and solid fuel-burning appliances.

#### NFPA 1600 - Standard on Disaster/Emergency Management and Business Continuity Programs

This standard shall establish a common set of criteria for all hazards disaster/emergency management and business continuity programs.

Public Input is due to NFPA by close of business on **January 5**, **2017**. Meetings to discuss the codes will be conducted via conference call. If you are or know of a subject matter expert on any of these codes, contact APPA's **Billie Zidek** at 703-542-3846 or via e-mail at <u>billie@appa.org</u>.

### **INDUSTRY NEWS**

#### New Survey Looks at Energy and Water Performance at Sports Facilities

The U.S. Department of Energy (DOE), U.S. Environmental Protection Agency (EPA), Green Sports Alliance, and National Institute of Building Sciences (NIBS) recently launched a survey to study sports venues (professional, municipal, educational, etc.) and learn more about their facilities' energy and water usage. The purpose of this initiative is to identify opportunities to reduce energy and water use, save money, and lead the way toward the possible development of a new ENERGY STAR® score and certification for stadiums and arenas. To learn more and to participate in the survey, visit <a href="http://greensportsalliance.org/new-survey-looks-at-energy-water-performance-of-sports-venues/">http://greensportsalliance.org/new-survey-looks-at-energy-water-performance-of-sports-venues/</a>.

#### **Resource Available for Reducing Waste on Campus**

PostLandfill (PLAN) provides a central location for campus waste questions, answers, documents, and job postings. The program is free and open to the public; organized by program; and easily searchable for students, staff, administrators, and community members.

PLAN member schools receive discounts on registration for the Students for Zero Waste Conference, step-by-step advising, access to weekly certification training and workshops for students and staff, nationwide collaboration, educational online tools, promotional support, and partner discounts for Retail and Group Purchasing.



For information about membership, go to <u>http://www.postlandfill.org/become-</u> member-school/.

### Commerce Department Reports July 2016 Construction at \$1.153 Trillion Annual Rate

The U.S. Department of Commerce says that educational construction was somewhat below the June 2016 estimate, with construction spending overall during July 2016 estimated at a seasonally adjusted annual rate of \$1.153 trillion, nearly the same as the revised June estimate and 1.5 percent above the July 2015 estimate.

Educational construction was at a seasonally adjusted annual rate of \$64.6 billion, 8.3 percent below the revised June estimate of \$70.4 billion.

In the first seven months of 2016, total construction spending amounted to \$647.7 billion – 5.6 percent above the \$613.1 billion for the same period in 2015.

The estimated seasonally adjusted annual rate of public construction spending was \$278.2 billion, 3.1 percent below the revised June estimate of \$287 billion.

Spending on private construction was at a seasonally adjusted annual rate of \$875 billion, 1 percent above the revised June estimate of \$866.5 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$429.5 billion in July, 1.7 percent above the revised June estimate of \$422.5 billion.

## Early-Bird Registration Open for Campus Fire Forum 2016

It's something you hope never happens but you must be prepared for: a fire in a building on your campus. The Center for Fire Safety's 2016 Campus Fire Forum, November 1 –4 in Mesa, AZ, can help.

Sessions include the "Scottsdale Sprinkler Experience," "Developing and Maintaining a University Fire AHJ," "Emerge ncy Evacuation for Large Assembly Spaces," "NFPA 3 & 4 Next Generation," "Campus Fire Marshal's Role in Emergency Operations/FEMA Training," "Developing a Life Safety

Program for the Whole Community," "Managing Fire and Smoke Resistance," "Special Hazard Fire Protection on Campus," "Be Fire Smart! College Edition – New Online Course for Students," "UL Resources for Campus Fire Safety Officials," "How to Establish & Maintain Good Town/Gown Relationships," and more.



CEUs toward ICC re-certification will be available for many classes. Registration details are at <a href="http://www.campusfiresafety.org/TrainingActivities/CampusFireForum/CampusFireForum2016.aspx">http://www.campusfiresafety.org/TrainingActivities/CampusFireForum/CampusFireForum2016.aspx</a>

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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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