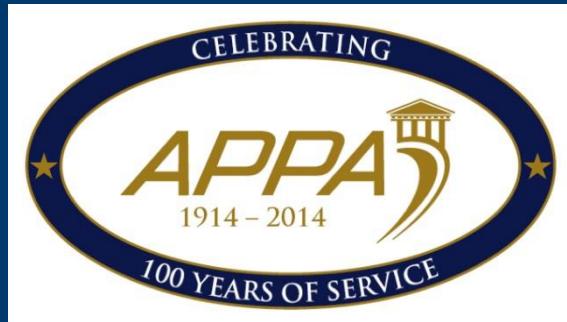


APPA – Leadership in Educational Facilities



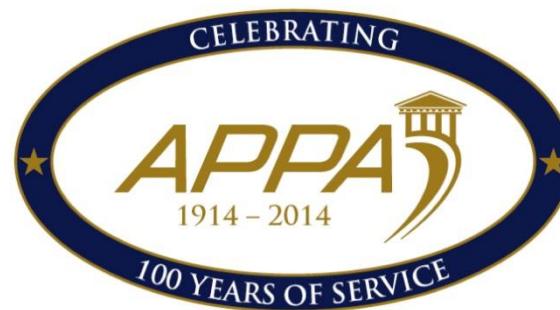
May 7, 2014



Administrative Office of the U.S. Courts



APPA – Leadership in Educational Facilities



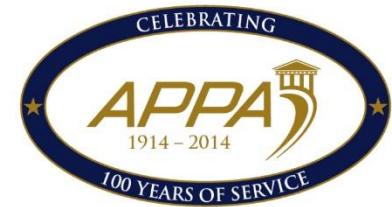
John Bernhards
Associate Vice President, APPA
Email: john@appa.org





Order of Presentation

- Why APPA?
- APPA's Programs and Services
- Standards and Codes Compliance Issues Impacting the Education Sector



About APPA International....

The leading international association of educational facilities professionals

More than 10,000 professionals from more than 1,300 member institutions throughout the US, Canada and Mexico

APPA is “the source” for professional development, research, trends, best practices, standards, and networking for facilities management within the education sector

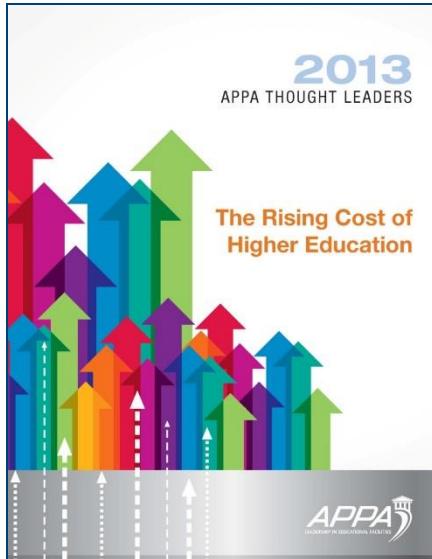




Some Key Issues Affecting APPA Member Institutions...

- Reduced state and municipal funding
- Rising tuition rates
- Succession planning and grooming the next generation of professionals
- Managing existing space efficiently and cost effectively
- Deferred maintenance challenges

APPA Thought Leaders



“Everyone seems to agree that something needs to quell the rising cost of higher education — the question is how.”

APPA addresses the critical issues facing education.



The Body of Knowledge for the Discipline of Educational Facilities



- General Administration and Management
- Operations and Maintenance
- Energy, Utilities and Environmental Stewardship
- Planning, Design, and Construction

Continually Updated

24-7 Online Access

The screenshot shows the APPA Body of Knowledge website. At the top, the APPA logo is displayed with the tagline "Leadership in Educational Facilities". The navigation menu includes "John Bernhards" (logged in) and "Log Out". The main content area is titled "Body of Knowledge" and shows the "Roadmap for Campus Environmental Sustainability" chapter. The chapter title is "Roadmap for Campus Environmental Sustainability". The author(s) are listed as "Jiri Skopek - Jones Lang LaSalle, Walter Simpson - University at Buffalo". A note states "This chapter is current as of April 19, 2010". A list of steps for the roadmap is provided, including "Introduction", "Step 1. Obtain Senior Management Support", "Step 2. Establish a Campus Baseline", "Step 3. Establish Goals, Objectives, and Policies", "Step 4. Develop an Action Plan, Programs, and Projects", "Step 5. Implement the Plan", "Step 6. Track and Report", "Summary", "Endnotes", and "Resources for Campus Environmental Sustainability". The sidebar on the left lists "Part 1 – General Administration and Management", "Part 2 – Operations and Maintenance", "Part 3 – Energy, Utilities, and Environmental Stewardship", and "Part 4 – Planning, Design, and Construction". A box in the sidebar states "This chapter generously sponsored by: SRAPPA". The bottom of the page features a "Comment on this Chapter" button and a "Print PDF" button.

“BOK” defines the practice of educational facilities management.



The APPA web site

- APPA's services
- Research Findings
- APPA Bookstore
- Facilities Manager Magazine
- Facilities Performance Indicators
- Event Registration
- Membership Directory
- Online Networking



www.appa.org



Visit the APPA Web Site at **www.appa.org**





**The Credentialing Program for
Educational Facilities Professionals**

FOR THE FACILITIES PROFESSIONAL:

Demonstrates a career commitment to ongoing professional development

Expands professional knowledge and industry understanding.

Acknowledges educational facilities professionals for mastering an internationally recognized and requisite knowledge level.

FOR THE EDUCATIONAL INSTITUTION:

Demonstrates that the facilities organization contains qualified professionals.

Supports succession planning and maintenance of quality facilities practices.

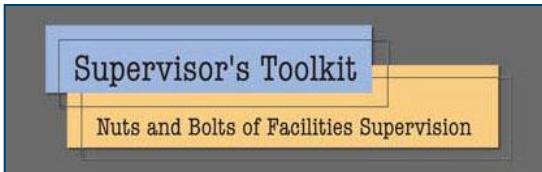
Provides an incentive for recruitment and retention.

Advances the stewardship of the institution's facilities investment.

CEFP and EFP credentials demonstrate a requisite level of knowledge and professional acumen.



APPAPPA Training and Professional Development



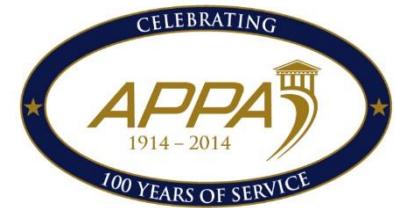
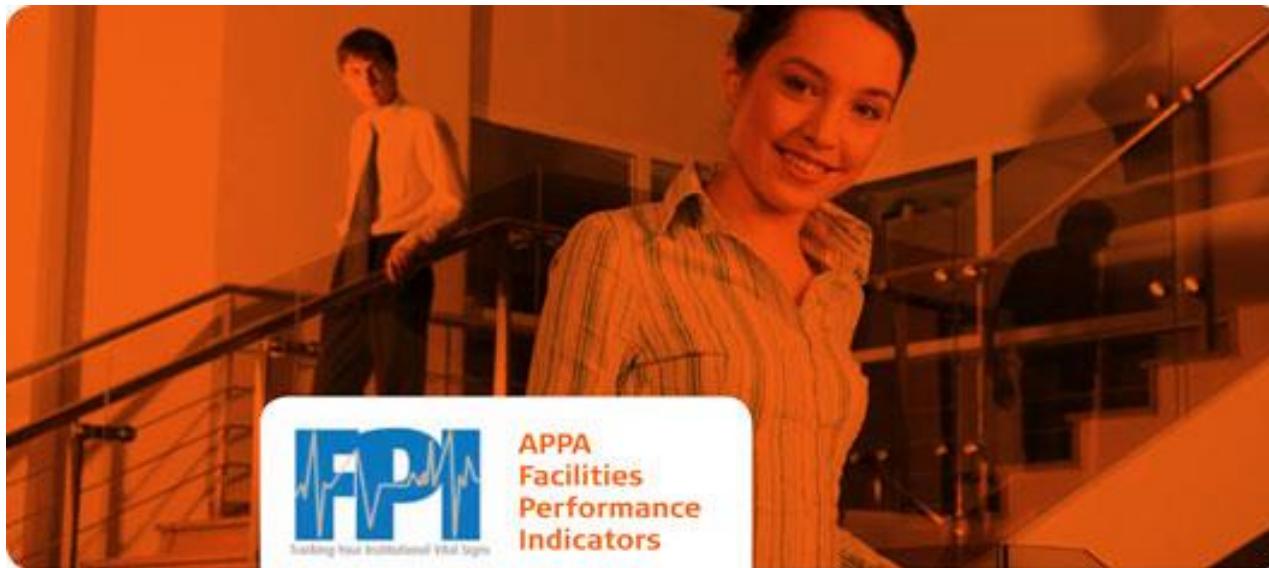
Chapter Events:



APPAPPA's professional development programs provide training at every management level, from the front line supervisor to the "SFO"

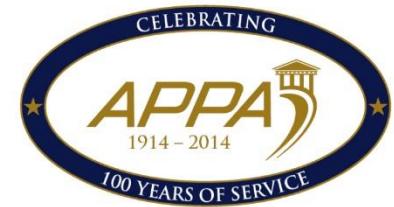


Facilities Performance Indicators



FPI answers the question: How does my multi-building campus spending and performance contrast with peer institutions?





Facilities Performance Indicators



Executive Level
Dashboard Feature



Online
Presentations Feature



Dashboard
Dials Feature

FPI provides dashboards and online presentations to help APPA members evaluate key facilities performance measurements.



APPA Standards and Codes Council



Representing the codes
and standards interests
of the education sector.





The Council Mission

- ***Promote codes and standards awareness*** among member institutions.
- ***Determine impacts*** of existing codes and proposed standards.
- ***Influence*** codes and standards development and outcomes.
- ***Display APPA's Leadership*** in standards and codes, seek pragmatic solutions.
- ***Identify broad consensus among APPA members*** on standards and codes issues, seek appropriate representation within standards bodies.

Construction Codes Tracked by APPA

While any code, regulation, or standard can impact the design and construction of a building, most of the impact will fall under one of the following major model code documents:



- **National Fire Protection Association (NFPA)**

- NFPA 101 (Life Safety Code)
- NFPA 13 (Sprinklers)
- NFPA 70 (National Electrical Code)
- NFPA 72 (Fire Alarm Systems)



- **International Code Council (ICC)**

- IBC (International Building Code)
- IMC (International Mechanical Code)
- IPC (International Plumbing Code)
- IECC (International Energy Conservation Code)



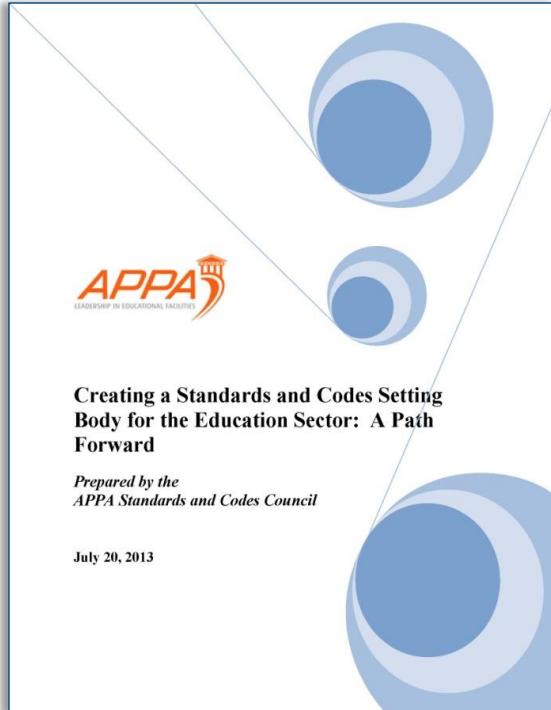
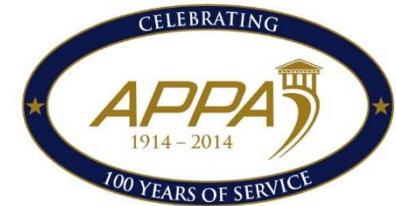
Construction Codes Tracked by APPA



- American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE)
 - ASHRAE 90.1 – Energy Standard for Buildings Except Low-Rise Residential Buildings
 - ASHRAE 90.2 – Energy Efficient Design of Low Rise Residential Buildings
 - ASHRAE 189.1 – Standards for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings
 - ASHRAE 189.3 – Design Construction and Operation of Sustainable High Performance Health Care Facilities



APPA Standards and Codes Council



- Scope of work approved by the Council.
- Propose draft contributions for consideration and/or adoption in proposed and existing standards.
- **May create and publish APPA Standards**, technical reports, requirements and best practices germane to the needs of the education sector.



Council Work Groups (as of 5/7/2014)



Green Codes Work Group – Evaluating the impact of the International Green Construction Code (IgCC) and ASHRAE 189.1 on education.

- IgCC and ASHRAE 189.1 define sustainability requirements for construction, operations and maintenance of the building and land parcel.

Council Work Groups (as of 5/7/2014)



Cleaning Standards Work Group – Addressed ANSI Standards Activity proposed by the Simon Institute/ManageMen Inc.

- Report and findings available at www.appa.org
- APPA and International Sanitary Supply Association (ISSA) have filed a joint appeal with ANSI, seeking discontinuation of the Simon Institute's ANSI standards activities.

How Does Your Organization Envision Using Facilities Management Standards?



- To encourage consistency in educational facilities management practices
- To support Total Cost of Ownership Principles (TCO)
- To seek continual enhancements towards fire and life safety, and well being of the campus community (students, faculty, staff and the public)
- To support campus sustainability initiatives

Let's Connect!

Email: john@appa.org

Send Me Your Questions



Administrative Office of the U.S. Courts

