



From the President

Barry Mielke, PE, CEFM
Director of Energy Systems
South Dakota State University
CAPPA Jr. Rep to APPA

Greetings for South Dakota!

"Looking ahead to the coming year I hope to promote credentialing and encourage access to knowledge and information available from APPA." ~Barry Mielke

I want to thank you for the opportunity to be CAPPA president for the next year. Winter has arrived here on the high plains, regardless of what the calendar says. We have a few inches of snow on the ground and it is unlikely it will go away before next spring. The past three years leading up to the 2019 Annual CAPPA Conference in Winnipeg Manitoba becoming president have flown by. Along the way I have met many dedicated individuals that help keep the wheels of CAPPA turning. Thanks to Angie Mitchell from Southeast Missouri State for her conference planning efforts and to Dave Wozny from Red River College and Gordon Neal from Brandon University for their hospitality and help planning the event.

The 2019 CAPPA Annual Conference held drew 129 attendees to Winnipeg, Manitoba, Canada beginning September 29 through October 1. Our theme for 2019 was "Centered on Progress for Facilities Management." There were 18 educational sessions covering a variety of facilities management topics.

This year's conference began with Committee and Executive Board meetings on Saturday. Sunday included a tour of the first museum solely dedicated to human rights, the Canadian Museum for Human Rights, followed by a tour of the Manitoba Legislative Building Hermetic Code with Dr. Frank Albo.

A new format for the First-Timers Attendees Reception included testimonials from past and present CAPPA board members. We received positive feedback on this and, with some tweaks, we hope to improve it even more for next years first timers. Thank you to the Professional Development Committee for helping develop the new format and to those veterans that spoke at the reception. The Exhibit Hall opened to attendees and the evening wrapped up with a Manitoba Social and football watch party hosted by the IMEG Corporation.

The Exhibit Hall featured 48 Business Partners representing 26 businesses. Our Business Partners sponsored many of our special activities and shared pertinent information for the benefit of our CAPPA Region facilities administrators.

After welcoming everyone to the conference Monday morning, APPA Immediate Past President, Don Guckert, gave a keynote presentation on technology in the built environment and how big data has us doing "different with less". After a day of educational sessions, Monday night concluded with a progressive dinner at the Manitoba Museum including a tour of the Nonsuch, a 17th Century merchant ship.

Tuesday morning began with the CAPPA business meeting, educational sessions and a Round Robin campus tour of the University of Winnipeg Bio Mass Plant –Solar Array and the Red River College Skilled Trades and Technology Center. The conference closed with the Awards Banquet and the installation of new officers by APPA President-Elect, Jim Jackson and followed with entertainment by comedian Matt Falk.

Looking ahead to the coming year I hope to:

- Promote credentialing and encourage access to knowledge information available from APPA
- Encourage member to set up their profile in the APPA community to share knowledge and experience

Both of these will help develop our staff into tomorrow's leaders.

Investing Energy Savings in Your Campus Facilities

Colleges and universities throughout the country are taking a hard look at their facilities. Most of these institutions have buildings that are at least 30 years old and they need to be updated. Today's Gen-Z students also demand certain amenities that schools struggle to provide. Couple these problems with utility costs that continue to rise and shrinking operational and maintenance budgets, many of our colleges feel like they are stuck between a rock and a hard place. They know what needs to be done and work hard to stretch every dollar to get things done, but the money only goes so far.

College leaders and governing board members struggle to develop a financial model that generates adequate funding for needs. And so, buildings continue to be neglected because tight budgets have forced the administration to take a deferred maintenance approach to maintaining their facilities. After all, "deferred maintenance" sounds much better than "neglected maintenance." This takes a heavy toll on campus facilities and does not help with the enrollment struggle of trying to attract and retain Gen-Z students. After all, strong enrollment is essential for the financial health of a college or university.

Energy Conservation as a Solution

There is a non-traditional solution that can redirect monies already in your budget to pay for facility improvements and upgrades. Many campuses are full of building equipment and systems that are outdated and energy-thirsty. Deferred maintenance and other budget issues often make it hard to upgrade these systems. But replacing energy-thirsty equipment with newer energy efficient systems can save money in utility costs. Done properly, upgrading these outdated systems can actually pay for themselves and fund other improvements. Most importantly, this approach complies with both state and federal statutes related to energy services and performance-based contracting.

Here is how to make it work:

- Find a professional energy service company (ESCO) that can help you develop a strategy for improving your institution's financial health.
- With the ESCO's help and expertise, conduct an energy audit. A comprehensive energy audit of your college facilities will help you identify inefficient systems and equipment that is costly to operate.
- The ESCO will develop a turn-key solution that may develop into a project that is completely "paid from energy savings." The key to making this work is to find an ESCO consultant that you can trust, one who is focused on addressing your unique needs rather than using a "one-size fits all" approach.

- The improvements often include upgrades to the mechanical systems, lighting, water fixtures, windows, and other building envelope upgrades. These can be paid for over time with the savings generated in your monthly utility bills.

Benefits from an Energy Conservation Project

Below are some of the benefits that have been expressed by higher ed leaders who have utilized a "paid from energy savings" approach:

Become Better Stewards of Resources

- By addressing needs and improving living conditions on campus, the college is becoming a better steward of resources.
- Using sustainability and "green" initiatives to generate a new revenue stream can get donors excited and more willing to contribute.
- It creates practical "asks" for donor funding of tasks, which can be marketed as "the gift that keeps on giving" back to the university through utility savings. This method speaks to a college's commitment for the long run!

Attracting & Retaining Students, Faculty, and Staff

- Improving the quality and comfort of the learning environment goes a long way to attract Gen-Z students. In addition, upgraded facilities make it easier to attract and retain quality faculty and staff.
- Implementing an energy conservation program shows that your institution is being a good steward of the environment. This helps promote a culture of social responsibility on your campus. It is a testimony to a forward-looking college or university.

No Donor Gifts or Operational Funds Required

- Saving energy means saving money. An energy conservation program can be implemented in a budget-neutral manner. The improvements are paid for from the utility savings associated with the program.
- Since the turn-key solution offered through our program does not have up-front costs, the project demonstrates fiduciary responsibility of donor gifts and operational funds.

Facility Maintenance Benefits

- Implementing an energy conservation program allows you to update your aging or failing building systems using existing utility dollars.

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2019 APPA & CAPPA Awards & Recognition

APPA Unsung Hero

Randy Culver, Black Hills State University

APPA Pacesetter Award

Ian Hadden, University of Arkansas – Little Rock

APPA Meritorious Service Award

David Handwork, Arkansas State University

Sustainability Innovation Award

University of Texas – Dallas

Award of Excellence

University of Kansas Medical Center

CAPPA Meritorious Service Award

Armand Harpin, IMEG Corporation

CAPPA Distinguished Member Award

Art Jones, Black Hills State University

CAPPA President's Award

Scott Turley, University of Arkansas – Fayetteville

CONGRATULATIONS!

Training Events & Webinars

(Click links for registration information)

February 2—6, 2020

[Institute for Facilities Management](#)

[Sheraton San Diego Hotel & Marina](#)

February 3, 2020

[APPA Supervisor's Toolkit](#)

[Sheraton San Diego Hotel & Marina](#)

February 4—6, 2020

[Institute for Facilities Management](#)

[Sheraton San Diego Hotel & Marina](#)

February 27, 1:00—2:00 PM (ET)

[WEBINAR: Trends in Classroom Configuration & Technology](#)

March 12, 2020, 1:00—2:00 PM (ET)

[WEBINAR: Developing Mold Literacy: Lessons Learned from the Mold](#)

April 2, 2020, 1:00—2:00 PM (ET)

[WEBINAR: Build Better for Education](#)

April 23, 2020, 1:00—2:00 PM (ET)

[WEBINAR: How smart is your campus? Preparing your buildings and organization for the next decade with smart building intelligence](#)

Find even more events on the APPA website at:

<https://www.appa.org/events/>

2020 CAPPA OFFICERS



BACK ROW (L-R): Jim Jackson, Barry Mielke, Lait Agarwal Angela Meyer, Scott Turley, Randy Culver, Ian Hadden, Art Jones, and Armand Harpin.

FRONT ROW (L-R): Markus Hogue, Sheila Awalt, Helen Bailey, Sue-Anna Miller, Virginia Smith, Jenny Cundiff, Roy Ruiz, and Angie Mitchell

MARK YOUR CALENDAR! 2020 CAPPA ANNUAL CONFERENCE: October 4—6, 2020 TULSA, OKLAHOMA

A special THANK YOU to the Business Partners who attended and supported CAPPA 2019 in Winnipeg, Manitoba, Canada



Akitabox	Marvin
Assa Abloy	MEP Associates
Assetworks	Mohawk Commercial Flooring
Cintas	Navitas
Club Car	Philadelphia Commercial
Dake I Wells Architecture	Flooring
Dude Solutions	Performance Services
EEA Consulting Engineers	Precision Concrete Cutting
FirstOnSite Restoration	Ross & Baruzzini
Gulf Coast Boiler	Schneider Electric
IMEG	Sightlines
Johnson Controls	Spirotherm, Inc.
Marcis & Associates, Inc.	Tellevate



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- Upgraded building systems reduces the need for outsourced maintenance, which reduces maintenance costs. It also frees your facilities team to focus on preventive maintenance.

Environmental Benefits

By conserving energy, you reduce your campus carbon footprint, which contributes to a better environment, both locally and globally.



About the author – Kent Clow is a business development manager with Navitas. His background includes working as a customer advocate in business and contract management with 30 years of experience in the aerospace industry. This helps him bring a practical approach to developing strategies for higher education clients who want guidance in how to initiate an energy conservation program in their campus operations. He also serves as a trustee with Culver-Stockton College and can be reached at kclow@navitas.us.com.

FROM THE EDITOR:



Thank you to those who submitted articles, photographs and information to be included in the CAPPA Newsletter!

Please write and submit articles for the CAPPA Newsletter at any time for consideration. Preferred articles will be BETWEEN 300 words (ex: 1/2 page w/graphic or photo) and 700 words (ex: full page with small graphic or photo). Please include names and descriptions with photos. Graphics and charts are always welcome to help tell your story. If available, please provide a link to full articles. Email articles and photos to Newsletter Editor: jenny.cundiff@okstate.edu



2019 CAPPA Conference In Review

SUNDAY, SEPTEMBER 29

- Human Rights Museum Tour
- Manitoba Legislative Building Tour
- First-Timers' Reception



The First-Timers' Reception is well-attended Sunday evening.



At the Manitoba Legislative Building

MONDAY, SEPTEMBER 30

- Breakfast & Keynote Speaker
- Educational Sessions & Exhibit Hall
- Spouses' Tour
- Progressive Dinner at The Manitoba Museum



Keynote Speaker
Don Guckert, PE and APFA Fellow



CAPPA spouses ready for their tour in Winnipeg



The bus ride to the Manitoba Museum was an adventure in itself.



Art Jones, CAPPA's awarded Historian

2019 CAPPA Conference In Review (continued)

TUESDAY, OCTOBER 1

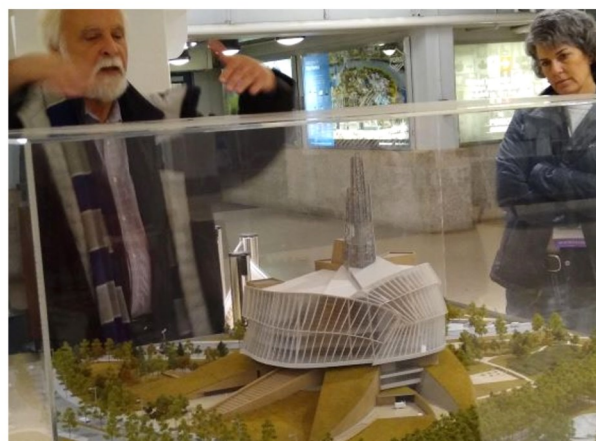
- Breakfast & CAPPA Business Meeting
- Educational Sessions & Exhibit Hall
- Spouses' Lapidary & Chocolate Tour
- Tours of The University of Winnipeg and Red River College
- 2019 CAPPA Awards Banquet



The Nonsuch, which sailed from Europe to Canada in the 1600s for trade.



Touring a mechanical room at The University of Winnipeg



A model of the Human Rights' Museum in Winnipeg



The traditional CAPPA group photo at the end of the conference was taken on the steps of the Manitoba Legislative Building.



The man behind the camera is Miles Abernathy who captures CAPPA's events...THANK YOU, MILES!!!

SAVE THE DATE

Oct. 4th - 6th



Sharing Vision - Facilities Management
Tulsa, Oklahoma



#CAPPA2020

www.cappaedu.com

2020 CAPPA ANNUAL CONFERENCE
OCT. 4th - 6th

Renaissance Tulsa Hotel and Convention Center

Angie Mitchell
Facilities Management
Southeast Missouri State University
One University Plaza MS 7700
Cape Girardeau, MO 63701

OSU Campus tour -
Special tours for front line staff!!!
Share in the Vision of others in your field

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