



Winter 2004

inside....

Editor's Corner
State/Providence Report
APPA Nominations
Article from APPA President
Membership News
APPA Calendar of Events

President's Message

I hope everyone's Winter is going well. Here in Arizona we appreciate the sunshine and 60° - 70° temperatures this time of year.

In January, I attended the APPA Board Meetings in Alexandria, Virginia. I want to share with you some important information regarding the Spring election. Nominees for the upcoming APPA elections were selected and will be on the ballot this Spring. The positions and nominees are as follows:

President Elect:

Jack Colby, North Carolina State
Larry Quick, Art Institute of Chicago

Vice President for Educational Programs

Kevin Folsom, Dallas Theological Seminary
Sam Polk, Tennessee State

Vice President for Information Research:

David Cain, Northern Arizona University
Mike Sofield, Smithsonian Institute

In addition to these important positions some bylaw changes will be on the ballot as well. I encourage all of the Institutional Representatives to vote. Keep in mind David Cain is a member of RMA and we have traditionally had a strong presence in the international offices. Your vote does count, so don't forget to use it!

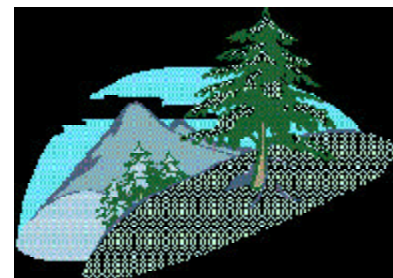
RMA recently sponsored the attendance, via registration scholarships, for two RMA members at APPA's Supervisor's Toolkit Training. Polly Pinney, Arizona State University and Shari Philpott, University of Colorado, attended the training program held in Tampa, Florida. This is a first step in establishing an RMA program whereby the Supervisor Toolkit Training will be available at the regional level with the goal of keeping costs very reasonable. The Supervisor Toolkit Training Program is an excellent tool for giving new supervisors the set of skills necessary to assist them in a supervisory position. As this initiative progresses more information will be available.

RMA also sponsors scholarships to the APPA Institute for Facilities Management and The Leadership Academy. The deadline for applications is near and I encourage you to submit yours as soon as possible. Typically, only a few applications are reviewed by the Board of Directors, the possibility of being awarded a scholarship is pretty good. More information is included in this issue of the newsletter.

The RMA Board of Directors strives to make sure that RMA provides value to its membership. Please let us know your thoughts on how we might provide better service. Your comments are important and we do listen.

Well, its time to close now and make my rounds on campus while enjoying the sunshine and 70° temperatures. Don't forget to mark your calendar for the 2004 RMA Educational Conference, set for September 18-21st at Jackson Lake Lodge, Wyoming.

Dave Brixen
RMA President



Winter 2004

Jackson Hole, Wyoming
RMA Educational Seminar 2004
September 18 -21

The majestic Teton Mountains will provide a picturesque backdrop for three days of education and activities. For reservations to Jackson Lake Lodge call 1-866-875-8456

For Seminar information contact Jenn Coast, Conference Coordinator at jklass@uwyo.edu or (307)766-2404

<http://UWADMNWEB.UWYO.EDU/PPLWEB/RMA2004>

Hosted by the University of Wyoming

Thank you Business Partners for your continuous support, making these extraordinary conferences possible!

Business Partners are listed on the seminar website.



Editor's Corner

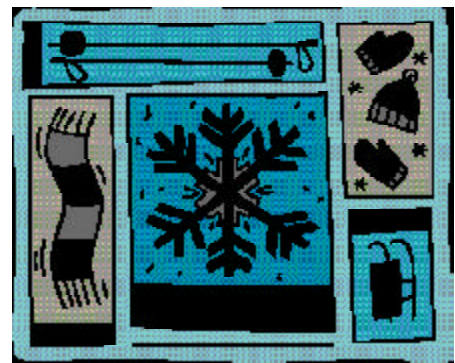
The newsletter is published four times a year. The due dates for articles for the next three (3) issues are May 7, August 6, and November 5. For the newsletter in May, I am looking for articles on capital equipment replacement and for the August newsletter articles on LEED buildings/green building construction, cost, successes and issues. Even if you don't have an article pertaining to one of these topics, your article is welcome. The purpose of the newsletter is to share information throughout the Rocky Mountain region about our institutions, projects, successes, failures and anything related to our profession. Please contribute.

There is a scholarship application in this newsletter and these need to be mailed, emailed, or faxed to Mr. Eakle Barfield, Montana State University - Billings, 1500 University Drive, Billings, MT 59101-

0298, fax - (406) 657-1719, email - ebarfield@msubillings.edu. The completed application must be in Eakle's hands no later than March 12, 2004.

The state/province correspondents for the newsletter are: Mary Vosevich, University of New Mexico, New Mexico; John Bruning, University of Colorado at Boulder, Colorado; Brian Nielson, University of Utah, Utah; Bob Lashaway, Montana State University, Montana; and Frank Fox, University of Wyoming, Wyoming. I am still looking for a correspondent for Arizona and the two Canada provinces, Alberta and Saskatchewan. The correspondent basically contacts the various institutions within the state/province and asks them for articles for the newsletter. If all else fails, the correspondent generally sends in an article on his/her institution.

The newsletter is as successful as you make it. All articles are gladly accepted and you are the beneficiary of the information. Thanks to everyone who contributed in 2003. I can be reached at Paul.Smith@pima.edu, (520) 206-4758, or 4905D E. Broadway, Tucson, AZ 85709-1400.



State/Province Reports

Canada Report

Athabasca University,
Athabasca, Alberta, Canada

Greetings from the Great
White North

By *Greg Wiens P. Eng.*
gregw@athabascau.ca

All kidding aside, the temperatures have taken quite a dive this week with the ambient outdoor temperature at Athabasca University this morning, January 28/04, registered -40.4C. For all of you still using the old Fahrenheit scale, both scales read -40 at the same time. Add a slight breeze to that for wind-chill effect and it is clear that winter is in full swing.

These cold temperatures are quite a change from those only two weeks ago, when there was freezing rain, light snow and temperatures hovering around the freezing point during the day. The operating problems that need to be dealt with have changed as drastically as the temperatures. The overriding priority is keeping all heating units operating and all makeup air systems from freezing up. Of course, all the building's occupants expect all other services to be provided in a seamless manner, regardless, which is no different than the expectations of Facilities at any other institution.

Since September 2003, Facilities and Services have been exceptionally busy with renovations of space and relocating of academic, professional and support staff to be consistent with re-alignments of duties, departments and responsibilities. Necessary to support these changes, large or small, is updating of the voice and data services to each and every space. Reactions by those being relocated has ranged from excitement, at being put into a new and renovated space, to total dissatisfaction about being moved at all, regardless of the quality and amenities of the new space. Again, no different than the reactions received by Facilities at any other institution when change is involved.

These realignments are all being driven by implementation of the recently revised and adopted Strategic University Plan (SUP). Integral to this process is a review of the purpose and functionality of all Athabasca University properties, including amalgamation, expansion and even elimination. As some of our properties are leased, this process needs to be completed and firm directions decided before initiating the lease renewal process.

Development discussions, between the local community and Athabasca University, continue in an effort to design and construct a major recreation complex on University property for the benefit of both parties. These informal discussions have been underway for quite some time but have now taken on a higher priority, and become more formal, as the local community is ready to ask the taxpayers for their endorsement. This endorsement is required to proceed with the design phase of the project and requires a formal commitment of the land by Athabasca University. All in all, just another day in paradise.

Montana Report

Cold climate operations present some special challenges and most of our Montana institutions have to address those challenges annually. We have been experiencing weather that shades a little more toward "normal" winter weather - if there is such a thing - and it is interesting to see how the expectations of our students and the surrounding community have changed. A recent string of warmer and drier winters with less snow and ice appears to have coincided with an influx of new residents from warmer climates and the net result is that our campus community is exhibiting much less tolerance for typical winter driving and walking conditions. While we have the most sophisticated equipment, well-oiled action plans, and arguably the most dedicated, well-trained snow removal personnel in the region, it is becoming increasingly difficult to meet these ever-increasing expectations within reasonable operational budgets.

We take little solace in the fact that our city government receives an even more withering barrage of criticism from winter weather neophytes in the local press. Ironically, many of the names attached to the letters demanding that the city declare all-out war on winter conditions (seemingly without consideration for cost) are the same names that appear on letters railing against over-grown and expensive government.

Nevertheless, it is our responsibility to find ways to respond to such demands and we work diligently toward that end. Our use of coarse sand to increase friction on slippery surfaces has increased considerably over the past five years in spite of the inverse precipitation trend associated with extreme drought. Increased use of sand has, in turn, increased our annual costs for cleaning storm drain system catch basins.

In their efforts to respond, the city has begun using various combinations of solid and liquid salts along with sand. This will undoubtedly have significant vehicle corrosion consequences. Similarly, we experimented with a special granular salt of a composition that was supposed to be less corrosive to vehicles and more plant friendly. Unfortunately, we found that it changed the consistency of our normally fluffy snow into a tacky goo that tracked all the way to the fourth floors of our buildings, then melted, causing previously unseen interior slip hazards and floor damage.

We are also seeing a marked increase in year-round bicycle commuting, which presents its own special challenges. In the past we were able to use seasonal bike rack areas for winter snow storage, but the demand for secure, daily bike parking even in the winter has changed our operations and limited some options. This year we have committed to attempting to keep at least one rack available for selected locations, which in some cases will undoubtedly require some additional hand-shoveling effort.

At MSU, the removing of snow from parking lots is the responsibility of our

Winter 2004

parking operations, however, our facilities snow removal operation does provide on-demand assistance when conditions dictate and resources allow. Customers generally do not like snowy lot conditions and don't hesitate to tell us about it, but they are hypercritical of piles of snow that diminish parking lot capacities for some period of time. To avoid this criticism, the first response by parking operations is to move all of the snow to the landscape at the lot edges and leave it in huge piles. As long as there is room in a lot margin for the snow to sit and melt into the ground without incurring damage to the landscape, that is a good solution. Unfortunately, the piles of snow slump onto trees and shrubs a little bit at a time. Often, the snow obscures the broken branches and trunks until spring. Both snow removal operations have to work closely together to make sure that the act of trucking away excess snow accumulations at the margins of the parking lots takes place in time to prevent landscape damage. Hauling snow away to clear lots is an expensive proposition that is employed only under the most prolific winter conditions.

Snow removal, under any circumstances, is a difficult, expensive necessity in order to maintain a reasonable level of safety for campus users, and maintaining perfect, summer-like conditions throughout the winter season is neither reasonable nor achievable.

Wyoming Report

Now that Super Bowl XXXVIII is over attention can once again be centered on the lack of moisture this winter and the expected drought this summer. We can only hope that the snow storms normally arriving in March and April come this way again.

Construction continues on the Old Biochemistry building. When finished the building, which was originally the Agriculture Building, will provide 35,251 square feet of floor space to accommodate state of the art laboratories, classrooms, meeting spaces, and offices for the College of Health Sciences. The College of Health Sciences is UW's youngest college. Reorganized in 1984, the college consists of Nursing and Pharmacy; the divisions of communication Disorders, Kinesiology and Health Social Work, Medical Technology; the Family

Practice Residency Centers in Cheyenne and Casper; the WWAM Education Program; and the Institute for Disabilities. The college also offers a dental hygiene program in conjunction with Sheridan College and an interdisciplinary Bachelor of Science degree in health science. Over the years, enrollment has steadily grown, making the college UW's second largest. Currently, the college's academic programs and administrative offices are scattered in 10 locations around campus as well as on several off-site locations.

The Central Energy Plant, that provides all of the steam and chilled water, to the majority of the campus is currently experimenting with the installation of a variable-frequency drive on one of the three main boilers. The plant, which was completed in 1982, had the latest motors at the time, which are two speed. The VFD will allow the motors to run at variable speeds thus reducing costs, increasing efficiency, and, hopefully, reducing the noise that can be emitted at high speed.

Utah Report

"After the Olympics"

Two years ago this February 2004, Salt Lake City with the help of the University of Utah and many others hosted the 2002 Winter Olympics. The event was a smashing success offering many new buildings and structures for the participating communities to enjoy for years to come. Now, after the Olympics we are seeing new buildings, structures and plazas built to support the memory of the event. One such plaza and visitor center was constructed and completed on the University of Utah just in time for the 2003 football season. The plaza houses a new Olympic visitor center complete with a reception area, central ticket office and movie theater commemorating the 2002 Olympics. The movie utilizes three screens, fog, and great lighting effects, to give you the illusion of standing on the ice for the opening ceremonies. We are talking Disneyland here.....!

We also have displayed, center stage, the Olympic Cauldron which is lit as we speak while Salt Lake hosts the Moscow Salt



Olympic Legacy Park Fountain

Lake Youth Winter Games. The Cauldron is perched above a stepped fountain with a reflecting pool dedicated to the Olympic medal winners. We also have on display the arch that adorned the medals plaza stage along with many other familiar Olympic memorabilia. The lighting after hours illuminating the displays is a very memorable experience making after-hour receptions very popular. If you want a gift that just keeps on giving, just go out and host the Olympics! If you are ever in or even near Rice Eccles stadium on the University Campus don't hesitate to stop in and take the Olympic tour.

The really good news for our area is we may be in the process of breaking our five-year drought with above normal precipitation. With the drought we have been aggressively looking at better landscapes to both serve campus needs and save water. The Olympic Cauldron Park supports a new water savings landscape look for our area. Our 850-acre campus has a wide variety of needs we have to consider in order to accomplish our drought tolerant goals. New landscapes are automatically addressed and older landscapes are being renovated to meet the new standards based on water usage and demand. The process is slow but well worth the end result, better water usage.



Olympic Legacy Park Visitor Center Gallery

ees has grown from 62 in 1987 to 234 in 2002. Under represented student populations have increased as well: Hispanic from 3.6% to 9.3%, Asian from 1.5% to 2.9%, and Black from 0.6% to 2%. In our service area, the 2000 U.S. Census demographic data indicate 79.4% white, compared to 73.2% in the PVCC student population. Women represent the majority of student enrollments, about 60%. The college's Office of Disability Services currently has 352 ADA-registered students with disabilities and an annual budget about \$100K. The percentage of students aged 19 and under has expanded to almost 30%, reflecting increasing interest on the part of high school seniors; however, almost 20% of the student body is age 40 or over. Day enrollment is approximately 60% of the total, while night enrollment continues to be strong.



"Looking Tower" announcing a venue site

Paradise Valley Community College is located on a 90-acre site in north Phoenix. There are currently twelve buildings on campus. The annual utility costs are as follows: Electricity - \$492,000; Natural gas \$61,000; and water, sewer and garbage \$107,000. The Plant Operations unit maintains this campus with 19 employees; one HVAC technician, one Utility Worker, one Building Maintenance Technician and 16 custodians. Local contractors are used for electrical, plumbing and other work not able to be performed by the small in-house staff. This February, the College is scheduled to start building a 26,000 square foot performing arts center. The architect for this work is van Dijk Westlake Reed Leskosky and the estimated cost is \$8.5 million. The Performing Arts Center will seat 278 persons when completed. There are a couple of unique aspects to this facility; first, the ceiling is flexible to adapt the acoustics for drama and music productions; and second, the air handler units consist of a set of fans rather than one large fan, this allows the unit to run quiet and if a fan fails the others compensate for it until it can be replaced.

Arizona Report

Paradise Valley Community College

Founded in 1987, Paradise Valley Community College has grown from a per-semester enrollment of 3,700 in that year to over 7,800 today. The college's unduplicated headcount per year is over

12,400, with an additional 7,000 in noncredit and continuing education programs. Historically, PVCC has seen enrollment growth of from 4-7% each semester. Coincident with enrollment growth has been the increase in number of faculty: from 27 full-time faculty in 1987 to 87 in 2002. The total number of employ-

Nominations APPA

On behalf of Lander Medlin and the APPA Board of Directors, we are pleased to announce the 2004 nominations for APPA office! The Nominating Committee, led by Immediate Past President Phil Cox, met on January 24 to select this final slate of candidates for approval by the Board and for inclusion on the 2004 ballot. There are no incumbents on this year's ballot, as both Jim Roberts and Vickie Younger are completing their second terms as VP for educational programs and information & research, respectively.

The ballot will be entirely Web-based this year; thus, we will not be printing and mailing hard copy ballots. Instead, we will mail postcard announcements to all APPA Institutional representatives, who alone are eligible to vote. We will also send follow-up e-mail reminders to increase the return.

Steve Glazner
APPA Director of Knowledge Management
Editor, Facilities Manager
steve@appa.org
www.appa.org

2004 APPA CANDIDATES

President-Elect

- * Jack K. Colby, North Carolina State University (SRAPPA)
- * Larry Quick, Art Institute of Chicago (MAPPA)

Vice President for Educational Programs

- * B. Kevin Folsom, Dallas Theological Seminary (CAPP)
- * Sam L. Polk Sr., Tennessee State University (SRAPPA)

Vice President for Information and Research

- * David A. Cain, Northern Arizona University (RMA)
- * Michael J. Sofield, Smithsonian Institution (ERAPPA)

TIMELINE:

- February 20** - Deadline for candidates to submit narrative resume, platform statement, and digital photo.
- March 1** - Ballot goes live on APPA's website, and voting is open only to Institutional reps.
- March 29** - Balloting closes at 2:00 p.m. Eastern.
- March 30** - Tally Committee counts and verifies the ballots, and announces the results to APPA President Brooks Baker. Candidates are notified of outcome by phone.
- June (specific dates to be announced)** - Successful candidates are invited to attend APPA's Executive Committee meeting at the APPA office in Alexandria, Virginia.
- July 25-27** - Candidates take office at APPA's Educational Facilities Leadership Forum in Washington, D.C.
- July 28** - First meeting of the 2004-05 APPA Board takes place in Washington following the Forum's conclusion.

APPA President

Thoughts on Code Advocacy By Brooks Baker

As APPA looks at items that are of importance to our profession, our institutions and customers (students, patients, faculty, and staff), code advocacy is an area that can be looked at as a potential for positive impact.

Advocacy is the pursuit of influencing outcomes—including public policy and resource allocation within political, economic, and social systems and institutions—that directly affect individuals and institutions. Code advocacy is a very

generic term which merely means being involved as individuals in the creation, modification, and interpretation of building codes, NFPA codes, and others. NFPA codes are the ones with which I am the most familiar since I have been a Principle Representative for nearly 20 years on what is now NFPA 23, the National Fire Codes. During that tenure, I have seen individual members guide the codes toward more costly requirements which resulted in financial gain for vendors or consultants and increased cost for higher education and/or healthcare. My personal participation with support from the American Society for Healthcare (ASHE) has resulted in cost avoidance of significant value to every institution of higher education.

With representatives on the key committees which create and modify code requirements, we can have an impact which will result in savings and more reasonable codes for our institutions. A partnership between APPA and ASHE in these efforts may be of value, so Lander Medlin, executive vice president for APPA, and I are considering an alliance of some description with them for this and other possible synergies.

My vision of this would be to recruit members who have an interest in this type of highly political and high-level activity (international impact) and would volunteer time to get involved. APPA's Professional Affairs Committee has already agreed to assist and

guide this effort and will be the coordinating body for this initiative.

Also, APA has been approached about starting a Section in NFPA for Higher Education, and that may be in the works for this coming year. Section status would enable us to have a greater impact and more committee representation, so it appears to be an important move.

If you would like to get involved in APPA's code advocacy initiative, please contact Alan Bigger, vice president for professional affairs, at alan.s.bigger.1.nd@edu.

Membership News

MEMBERSHIP COMMITTEE NEWS

Member-Get-a-Member Campaign. If you recruit another institution to join APPA between now and mid-June, 2004 you will receive a complimentary copy of *Planning and Managing the Campus Facilities Portfolio* and a fully paid registration to the National Educational Forum in Washington D.C. July 25-27, 2004. For more details on how to participate go to the APPA web page at <http://www.appa.org/Membership/membergetamember.cfm>.

Testimonials. The Membership committee is collecting testimonials about involvement in APPA from current members. The testimonials will be used in recruiting and other promotional materials for APPA. If you are interested in sharing your favorite APPA experience or what you find most valuable about your APPA involvement please contact Nancy Hurt at Nancy.Hurt@Colostate.edu.

WELCOME NEW MEMBERS

New APPA Members in Arizona

Scottsdale Community College
Jack Van Cleave

Glendale Community College
Al Gonzales

Salas O'Brien Engineers, Inc.
Lucinda Andreani

New APPA and RMA Members in Utah

Utah System of Higher Education
Mark Spencer

New APPA and RMA Members in Alberta

Medicine Hat College
Tom Teare

APPA Calendar

March 8 - 12, 2004
NAEB Sustainability Institute
N. Charleston, South Carolina

March 9 - 10, 2004
Baltimore Convention Center

March 10, 2004
Creating a World-Class Facilities
Planning and Management
Teleconference

March 15 - 19, 2004
Building Commissioning for Com-
missioning Service Providers

March 18 - 20, 2004
IFMA's Management Summit
Astor Crown Plaza Hotel, New
Orleans, LA

March 18, 2004
Building Automation/Energy
Management Systems
Arlington, VA

March 25 - 26, 2004
NACUBO's Privatization of Student
Housing Workshop
College Park, MD

April 13 - 16, 2004
AACUHO Conference 2004

April 18 - 21, 2004
ARCHIBUS/FM Users' Conference
Boston, MA

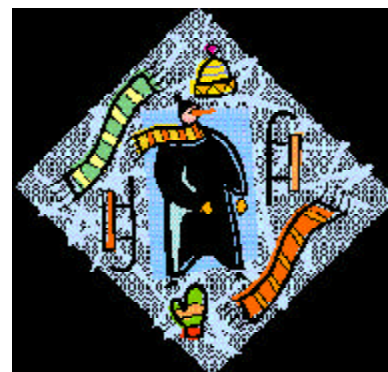
April 21 - 25, 2004
CSI Show & Convention
Chicago, IL

April 21 - 23, 2004
The TFM Show
Chicago, IL

May 11 - 14, 2004
Energy Smart America 2004: Tools
and Solutions for States and Com-
munities
Minneapolis, MN

May 11 - 14, 2004
DOE's 2004 National Conference
for States

of Events



The ROCKY MOUNTAIN ASSOCIATION OF PHYSICAL PLANT ADMINISTRATORS OF UNIVERSITIES AND COLLEGES was organized in February of 1953 for the purpose of promoting the common interest in the planning, maintenance and operation of physical plants of Universities and Colleges in the Rocky Mountain Region: to foster a professional spirit among those engaged in this work; and to support and supplement the activities of its parent organization, the "Association of Higher Education Facilities Officers (APPA)." The Rocky Mountain Region encompasses the states of Arizona, Colorado, Montana, New Mexico, Utah, Wyoming, and in Canada the Provinces of Alberta and Saskatchewan and the Northwest Territories.

REGIONAL OFFICERS 2003-2004

President	David Brixen	Arizona State University
First Vice President	Mark Shively	University of Wyoming
Second Vice President	Tommy Moss	Colorado State University
Third Vice President	Eakle Barfield	Montana State University (Billings)
Secretary/Treasurer	John Bruning	University of Colorado, Boulder
Newsletter Editor	Paul Smith	Pima Community College
Senior Representative	Craig Bohn	University of Utah
Junior Representative	Paul Smith	Pima Community College

FUTURE MEETINGS

2004 Annual Meeting	Jackson Lake Lodge, WY	University of Wyoming
2005 Annual Meeting	Vail, CO	Colorado State University
2006 Annual Meeting	To be Announced	Montana State University