

Rocky Mountain Views

Rocky Mountain Association of Higher Education Facilities

Officers



Spring 2006

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Upcoming APPA Events

ISSA - Staffing & Benchmarking
June 6, 2006 at Chicago, IL

2006 - AEE Energy Events - EMC
June 7-8, 2006 at Seattle, WA

Energy Efficiency Workshop for Colleges and Universities
June 8, 2006 at Cranberry, PA

Ninth Annual Snow & Ice Symposium
June 14-17, 2006 at Hartford, CT

17th Annual Energy Efficiency Forum
June 14, 2006 at Washington, DC

PBS Seminar
June 15, 2006 at Ann Arbor, MI

2006 Educause Southeast Regional Conference
June 19-21, 2006 at Atlanta, GA

2006 National Vertical Transportation Conference for Colleges and Universities
June 20-22, 2006 at Atlanta, GA

Design-Build for Federal Facilities
June 28-30, 2006 at Arlington, VA

NCCI Annual Conference
July 6-8, 2006 at Honolulu, HI

APPA/NACUBO/SCUP - The Campus of the Future: A Meeting of the Minds
July 8-11, 2006 at Honolulu, HI

Science Buildings Canada 2006
July 17-18, 2006 at Vancouver, B.C. Canada

ISSA - Cleaning System Design
July 27-28, 2006 at Washington, DC

Southeast Building Conference
August 3-5, 2006 at Orlando, FL

Parking Industry Exhibition
August 23-25 at Chicago, IL

NPMA's National Education Conference
Aug 25-Sep 1, 2006 at Minneapolis, MN

21st European Photovoltaic Solar Energy
September 4-8 at Dresden, Germany

For a complete list of upcoming APPA events please go to: www.appa.org

President's Message

Do you remember your first job? I was thinking about my days as a "paperboy" or in today's vernacular a "newspaper carrier." I started my paper route when I was twelve years old and kept it until I was fifteen.

I had a route with about eighty customers. The Champaign Courier was an afternoon paper except for Saturday and Sunday when the papers were delivered in the morning. At the time, I never realized the valuable lessons I was learning: customer service, organization skills, time management, dependability, and money management.

One of the lessons I learned in my childhood took place during this time. Down the street from where I lived on Holly Hill was a house that had a large, mean German shepherd dog. I knew he was mean because he growled and barked at me all the time plus he was tied up with a heavy chain. For about a year, I would stand at the curb and throw the newspaper to the porch, missing most of the time. One day as I was delivering the papers on my bike, I rode up in the driveway knowing I would need a quick escape from that fierce, barking dog. As I turned my bike to go to the next house, the German shepherd came charging at me. The dog's charge broke the chain. Terror struck me. My eyes were big as saucers, my heart was pumping out of control, and my screams could be heard in the next county. I took off as fast as I could on my bike. The German shepherd kept coming after me. I frantically pedaled home with the dog hot on my trail. About half way down the block, he lost interest and headed home. I thought I was going to end up like one of the victims in the werewolf movies - ripped apart.

Needless to say, that customer dropped to the bottom of the barrel in terms of customer service. I received a call from my manager asking why their paper was not being delivered. I relayed my story of terror to him. He said that I still needed to deliver the paper but he would talk to them about the dog. My manager called back and asked me to go with him to the house. The dog could not be seen or heard. The manager knocked on the door and the owner appeared without the dog. I was asked to repeat my story. Of course, the owner said the dog would not hurt a flea. I didn't believe this because I was still terrified from the experience of being chased down the block. The owner brought the dog in and introduced me to him. The dog snarled and let out a low growl. The owner wanted the dog to sniff me so he could recognize me. The owner said the chain was keeping him from running away. I was still uncertain about the dog so I asked the owner if he could move the dog's location back in the yard so I could get the paper on the porch. I was still terrified but was able to toss the paper on the porch. The lesson I learned was to not let my imagination run wild with fear of the unknown.

I wonder how often we let incorrect information or our observation of things affect our decisions. Have you wished for information that would help with your workload to just fall in your lap? Do you let your imagination go wild as to what is going to happen? Are you apprehensive about going to your vice president, director, supervisor, or coworker? Do you let your mind see only the negative? Are you unsure of your approach? Are you looking for answers and finding none?

Just like me with the German shepherd, I needed help. I had a manager that I could go to. We all need guidance, knowledge, and resources to curb our imagination and fear of the unknown. In our business today, we have RMA and APPA to help with the knowledge needed for the total operation of higher education facilities. I have relied on RMA and the annual meeting as a collected mentor. I used the advice and guidance received from all of you when we had to downsize the number of project managers due to budget constraints. Are you using these resources to help solve your situation, enhance your program, mentor your employees, and answer the challenges of every day work life?

- Tommy H. Moss

Musings of a Departing RMA'r

By Pete van der Have

Some might argue that my swan song should have occurred, or did occur, a long time ago. To those people, whether few or many, I say "pffffffft", and waive a friendly gesture!

I will agree, though, that now it **is** time. Having been on this great campus for 75% of my life, the well of inspiration is running on "empty" and the urge to move on is irresistible. That is not to say that I do so without any nostalgia or without some serious tugging at my emotions.

When just a stripling about to graduate from high school, as I applied for admission to this institution, I had no thought of ever working at the University of Utah. Even after I was hired to work in the Carpenter Shop as temporary summer help, before that first fall quarter, the idea of being employed here for more than a year seemed like something to avoid. Upon graduation, I "escaped" and attempted to be a high school teacher for a couple of years. Inexplicably and irresistibly, like the sirens in Greek mythology, this place called me back. So it is that, 44 years after I first was hired, here I am, wondering where it all went. As Pogo said in a comic strip many years ago, "I can't be grown up—this isn't at all what I wanted to be!"

What a great journey it has been! Not perfect, yet the good has definitely outweighed the not-as-good. Like any road trip more than two miles long (at least in Utah), there were speed bumps, several potholes, and frustrating construction zones along the way. Generally, though, the pavement was in reasonably good shape. The journey has been a salmagundi of experiences, with no day ever being the same as the preceding one, or the days that followed. That is what made life so interesting...

One of the sets of experiences that helped make my career as memorable as it has been can be attributed directly to the professional associations of which I was proud to be a part. I was "drafted" to be president of RMA, when it was still RMAPP, and before we almost...eek...turned it into RMAHEFO. (Thank goodness, wiser voices prevailed.) APPA also beckoned, offering all sorts of opportunities for a variety of positions, committees, and responsibilities. Finally, I am the outgoing president of Utah APPA.

With pleasure and gratitude, I have had the pleasure of meeting and interacting with a great many *great* professionals with a panoply of experiences to share, and a willingness to do so. Clearly, it is my opinion that s/he who isolates him/herself to the primary place of employment is missing a huge part of the journey. To insulate oneself from others and their experiences is foolish and shortsighted. Without the support of my institution and whoever happened to be my boss at the time, that obviously would have been my fate. I owe so much to so many of you that I could not even begin to give credit where such credit is due.

There are times that I wish that I could continue to exert some control or influence over what happens to all that has meant so much to me, whether in the day-to-day work place or in our professional associations. But wait, should I not be glad that such responsibilities will lie with someone else? There are bound to be some decisions lurking in the future that will undo or contradict what we have stood for in the past. Good or bad, is that not how change and growth happens, even with a pothole or two along the way?

Where life, fate, and my wife take me after June 30 is still somewhat uncertain. There is not much doubt in my mind, though, that I will have the pleasure of intermingling with

some of you again, somewhere, sometime....but rest assured, this swan ain't dead yet.

Until that moment, remember to enjoy your work, but do not make it your life. If you live to work, what will you do after? Remember to live a little along the way!

Good fortune to everyone... Pete

State/Province Reports

Arizona Report

Correspondent: Dave Brixen

Arizona State University

By Joseph Metzger, Assoc. Director Facilities Management

New in fall 2006, Hassayampa Academic Village is a co-ed freshman community that provides double occupancy accommodations with suite-style bathrooms. Amenities include: 24-hour campus security and front desk services, tutoring center, academic advising, laundry facilities, vending machines, wireless zones, study lounges, air conditioning, and Ethernet port for each student. The first phase of this project opens next month. ASU Facilities Management will be responsible for operations and maintenance at the facility until the completion of the second phase, at which time the entire facility will be maintained by an outside vendor.



The Biodesign Institute at ASU has been named 2006 Laboratory of the Year by R&D Magazine. The award recognizes innovative laboratory design that creates a superior working environment and supports research excellence. The annual competition includes industrial, government and academic laboratories across the U.S. and abroad. The first two Biodesign buildings are now fully operational, with three more yet to come.

Our new Cooling/Heating Plant (CHP) is now operational and serves both the Hassayampa Academic Village and the Biodesign complex, among others. This is ASU's first venture into co-gen and it was quite exciting to be on hand the first time that we brought the turbine up to speed and put it under load. This is not the Central Plant of old! An apt comparison might be an Olds 1958 Roadster compared to a Toyota Prius. Pound for pound, there just might be more computer technology than machinery in this plant. The control room looks a lot like NASA Mission control.

ASU's Downtown Phoenix campus becomes a reality this fall. When classes begin August 21, 2006, three ASU colleges will be in place downtown: University College; the College of Nursing; and the College of Public Programs, including the School of Public Affairs, the School of Social Work, and the School of Community Resources and Development.

Northern Arizona University

By Mark Flynn, Executive Director CAS-NAU

Greetings from the Mountain Campus.

The word of the day is transition. A new staff member has joined the ranks of NAU and I thought an introduction might

be in order.

Dr. Kathe Shinham arrived in March as the Vice President for Administration and Finance. She and Rich Bowen, Associate Vice President, head the team at NAU with Capital Assets and Services reporting to the new leadership. Dr. Shinham comes to Flagstaff from Illinois and is working diligently to facilitate the new momentum of the unit. She has an extensive financial background and was a welcome member of the group from her first day on the job.

Rich Bowen was the former Executive Director at CAS and his new role was a natural extension of his service to the campus and his tenure with the facilities group. You may recall that Rich has had a wide breadth of responsibility while the transitional roles were settled into permanence. We are grateful for his leadership and guidance while the searches were settled.

While the talent search was underway, the campus completed two new capital projects this past spring that have been very well received by the entire campus community.

The New College of Business Administration is seeking a LEED Silver Rating and has been a tremendous success for the campus. The 110,000 square foot facility houses the program of the entire college and makes use of an external auditorium that is available to local groups in need of some large meeting space. This facility programming was developed with the assistance of IDEO, a think tank from Palo Alto, California. They provided invaluable assistance to the entire design team and really challenged the way that education is delivered. From the classroom "Front Porch" to the informal meeting spaces for students and faculty, this new facility has created a strong buzz across the campus.

The College of Engineering and Natural Sciences was renovated and expanded to facilitate an increasing enrollment in the collective programs of the college. The now, approximately 90,000 square foot, LEED Silver facility heralds in a new era for the disciplines taught in the college. From the glass sided air handler to the tracking of renewable energy production levels, the facility allows a dynamic connection between the classroom and the application of technology within the curriculum.

The sustainable focus of both of these facilities has been a positive impetus for discussion regarding the overall concept of campus sustainability. We shall reap the rewards for decades to come.

Capital construction is still well positioned on the Mountain campus. The completion of a new residence hall will be welcomed in August of 2006. Additionally, a new Laboratory Facility and the Applied Research and Design Building will come to fruition in December of 2006. The ARD facility shall be seeking a LEED Platinum rating and has been a tremendous learning opportunity for all the Capital Assets and Services Staff. From the project management team to our Custodial Group, there is something to be learned from the evolution of these new facilities. Finally, a new parking structure will expand parking capabilities for the campus core and performance venue on the campus. This three story deck will aid the fulfillment of our master plan by allowing for conversion of surface lot parking to more highly desired green space.

The excitement that these projects have created on the campus is somewhat infectious. Faculty and staff are pleased to see the new projects roll-out and the students have been the benefactors of the improved facility quality. The Mountain Campus is slowly growing and the facility improvements will deliver improved quality environments for all those who

come through the door.

More changes are coming to the NAU campus and we at Capital Assets and Services look forward to being able to share the news with our RMA colleagues around the Intermountain West.

Colorado Report

Correspondent: Al Mages

Regis University

By Michael J. Redmond, Dir of Physical Plant/Capital Projects

At Regis University we have a critical mission scope of providing service to others. Another part of the mission is "how ought we to live" with emphasis on serving others. The Physical Plant has taken this core mission emphasis and incorporated it into our employee selection process and job descriptions. We also stress community service through a shared team environment.

After six years of building this concept, the Plant has been involved in numerous major service projects to the immediate community and we also reached out and supported the victims of Hurricane Katrina through going on three recovery missions to the gulf coast with our Plant staff. As most of you know, involving the Plant in these types of services severely tasks the capability of handling our normal daily operations.

As a manager of this area, I was concerned with the amount of long hours of hard work that would be created on my staff. To my surprise, the staff handled it very well. The staff has become more energized as a team and cross-support has been tremendous. Recently, the University recognized the entire Plant staff with the Saint John Francis Regis Service Award which recognizes individuals for their superior support to the community. What was most important was the entire Plant staff was recognized, which is the first time in the award's history.

I have always been impressed with my staff accomplishing more with less, but taken to the next step of self actualizing, the mission is a pinnacle to the their understanding of why they work at Regis University. I felt it was important to share this information because I know all the staffs in our environments work extremely hard through their careers and really make the difference but never get recognized for what you really do. The University staff is entering into the heavy summer schedule with a smile on their faces and extra motivation.

University of Colorado at Boulder

By John Morris, Director of Physical Plant

The University of Colorado at Boulder, as well as other institutions within Colorado, had numerous projects halted in 2002 due to the loss of state revenues and capital funding. In response, the students in 2004 at UCB voted in support of a \$400-per-year student fee to fund key building projects that have been put on hold because of limited state funding. The fee will be assessed for 20 years until the bonds are retired.

Among the projects that will come to fruition because of this fee are the \$46.4M Wolf Law Building, a \$34M Alliance for Technology, Learning, and Society (ATLAS) Institute building, a \$34M expansion of the Leeds School of Business, a \$13M IT Infrastructure upgrade, and a \$54M Visual Arts Complex. The student construction fees will fund nearly \$21M towards the Wolf Law Building, \$20.7M towards the

ATLAS building, and \$15.2M towards the new LEEDS School of Business addition and renovation.

Design development of the Law and ATLAS facilities began in the fall of 2004. Construction is now nearly complete. Construction of the LEEDS Business project is just starting. The IT Infrastructure project is nearly ready for construction. A/E selection for the Visual Arts Complex is just starting. The students take an active role in the contractor and subcontractor prequalification process. Additionally the student capital funds the facility must qualify for LEED Silver certification at a minimum, although Gold is likely to be achieved.

Another exciting facility that just came on line is the LASP Facility (Laboratory for Atmospheric and Space Physics). Many special tasks must be performed in the LASP control center to carry out a space science mission including:

- Planning and Scheduling the sequence of activities to be performed by the spacecraft and its instruments.
- Converting the planned activity sequence into a string of command messages to be sent to the spacecraft and verifying that the commands won't cause harm to the spacecraft or instruments.
- Calculating the position of the spacecraft for each moment in time and determining the precise orientation of the spacecraft and the pointing of its instruments.
- Setting up communication links between the spacecraft and control center through specialized satellite tracking facilities located around the world.
- Monitoring the health and status of the spacecraft and instruments during a communications session and sending command messages to the spacecraft.
- Gathering and organizing the data radioed back from the spacecraft.
- Processing and analyzing the data.
- Distributing data to the scientific community.
- Archiving the data—scientific data sets collected from space may be valuable to scientists for decades, so great care is taken to preserve them.

It is exciting to see the programs that take place in the facilities we maintain, giving us a larger sense of purpose than just constructing and operating buildings.

The University of Colorado at Denver and Health Sciences Center

By David C. Turnquist, Asst Vice Chancellor, Facilities Operations

The snow has melted away, the ski slopes are turning off the lifts, and the building program at the University of Colorado at Denver and Health Sciences Center is heating up.

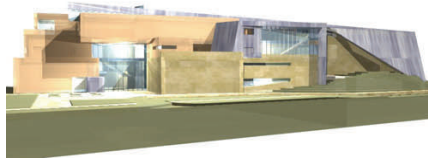
We just had a successful groundbreaking ceremony for our new buildings. Construction started on two Academic Office Buildings, two Education Buildings, a Library, a Humanities Building, and a Facilities Support Building.

Add these construction projects to our new research tower recently started, along with the new University of Colorado Hospital and The Children's Hospital projects, and it is construction as far as the eye can see. All the buildings will be

opening between mid-2007 and mid-2008.

The Colorado College

By Gary Reynolds, Director of Facilities Services



We are about to start construction on a new performing arts building designed by Antoine Predock, a nationally prominent architect whose work is particularly well

known here in the southwest. The project budget is \$30 million with construction costs at about \$21 million. Construction has already started with utility extensions and site preparation (of course there is asbestos in the existing structures) with official ground breaking occurring on May 19. Construction is scheduled to be completed by mid-December 2007.

The new facility will have a flexible thrust theater with 430 seats, a black box theater and adjacent studio, a movie screening room, a flexible rehearsal space and classrooms and offices. It will be approximately 75,000 gross square feet.

It will sit on a site on the south edge of our campus, near our art and music building and the City of Colorado Springs Fine Arts Center, creating an art and culture corner of our campus. Its iconic architecture will definitely make it a unique destination facility. I welcome you to come and visit it in a couple of years.

Idaho Report

Correspondent: Anna Weskerna

Idaho State University

By Anna Weskerna, Physical Plant Management Assistant

The Idaho State University Physical Plant is saving energy and taxpayers' money by installing VendingMiser units on the approximately 140 cold-drink campus vending machines. VendingMiser energy conservation units are motion detectors that are attached to cold-drink vending machines. They turn on a machine when activated by someone walking past. After 15 minutes without motion, the machine's lights and compressors are powered off.

Jeff Madsen, space and energy manager in the Physical Plant, says installing these devices should save the University about 165,000 kilowatt-hours of electricity per year, a savings of roughly \$9,000. The purchase of the VendingMiser units was from money saved by other conservation measures implemented at the University. He says, "The VendingMisers are an example of where we've taken dollars generated by other energy-saving projects, and rolled them over into a new project to realize additional savings."

Initially, Coca-Cola Co., which operates most of the cold-drink vending machines on campus, was skeptical about energy-saving efforts that would require the lights on the machines to be turned off. However, the company readily embraced the new motion-detector units, which save energy and are an effective marketing tool because when people walk past an idle machine, its lights pop on, attracting attention to it.

ISU is participating in a variety of energy-saving projects.



REGISTRATION FORM
Annual Educational Forum
October 19 – October 22, 2006
Billings, MT



Please type or print. Complete one form for each person attending the RMA 2006 Conference.

Is this your first RMA Conference? Yes No

Have you reserved hotel accommodations at the Sheraton Billings Hotel? Yes No

Name: _____ Badge Name: _____

Title: _____ Institution/Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ Fax: (____) _____ E-Mail: _____

Dietary Concerns: _____ Vest Size: (S-3XL) _____

Early-bird registration deadline applies to all registrations received before, or postmarked by September 1, 2006. Late registration is after September 1, 2006. A \$25.00 fee will be charged for late registration as well as a \$25.00 per activity fee.

REGISTRATION FEES

- Member \$325.00
- Non-Member \$375.00
- Companion \$100.00
- Emeritus \$100.00
- Student \$ 55.00

OPTIONAL ACTIVITIES (select one)

- Golf \$ 45.00 Established Handicap ___ or Average Score ___
- Golf Ride Along \$ 25.00
- Pompey's Pillar & Custer Battlefield \$ 45.00
- Fishing on the Big Horn \$ 45.00

COMPANION ACTIVITIES

- Museum & Mansion Tours \$ 25.00

Each registration includes admission to all Educational Programs and all meals during the conference, Barbecue & NILE Rodeo Finals and the Closing Reception/Annual Banquet.

Will you be attending the Barbecue & NILE Rodeo Finals? Yes No

Will you be attending the Awards Banquet? Yes No

PAYMENT INFORMATION:

Registration form must be accompanied by credit card information, check, money order or purchase order number made payable in U.S. dollars to MSU-Billings CPSLL. All conference registration payments must be received prior to the commencement of RMA 2006 (October 19, 2006). This includes payment for companion events.

- Enclosed is a check or money order.
- Purchase Order Number: _____ (Registration using an institutional purchase order requires payment in full by September 15, 2006. Institutional Federal ID number is required)
- Please charge my credit card: (Please call 1-800-708-0068)

Cancellation Policy:

For a full refund, written cancellation must be received on or before September 15, 2006. Any cancellations received in writing after September 15, 2006 will be refunded 50% of the total cost of registration. No refunds will be authorized for cancellations received after October 1, 2006. Refund checks will be prepared and issued after the conclusion of the conference.

Inquiries:

For registration inquiries, please contact Lea Geraud at (406) 657-2306 or lgeraud@msubillings.edu. Conference information and registration forms are also available on the RMA 2006 website at: <http://www.msubillings.edu/RMA2006>

Please note, as a registered attendee, your name and contact information will be published on the participant list.

NAME _____

Educational Sessions	
Please select the sessions that you plan to attend. Details on each session are available on the RMA 2006 website at http://www.msubillings.edu/RMA2006	
Saturday, October 21, 2006	
10:30 a.m. – 12:00 p.m.	
<input type="checkbox"/>	Session 1: Performance Contracting - (Sullivan)
<input type="checkbox"/>	Session 2: Environmental & Energy Controls - (Greenwell)
1:30 p.m. – 3:30 p.m.	
<input type="checkbox"/>	Session 3: Energy Management - (Qayoumi)
<input type="checkbox"/>	Session 4: Facility Management Technology - (Walsh)
4:30 p.m. – 5:30 p.m.	
<input type="checkbox"/>	Session 5: Facility Reinvestment - (Chace)
<input type="checkbox"/>	Session 6: Custodial Services - (Spencer)
Sunday, October 22, 2006	
8:30 a.m. – 10:00 a.m.	
<input type="checkbox"/>	Session 7: Master Planning – (King)
<input type="checkbox"/>	Session 8: Landscape Planning - (Robinson)
10:30 a.m. – 12:00 p.m.	
<input type="checkbox"/>	Session 9: Impact of Facilities on Recruitment – (Reynolds)
<input type="checkbox"/>	Session 10: Facility Assessments – (Butler)

Please mail completed registration forms with payment to:

RMA 2006 Conference
Montana State University-Billings
College of Professional Studies & Lifelong Learning
208 N Broadway
Billings, MT 59101

Last fall, the University accepted a check for \$24,698 from Idaho Power Company for participating in that company's conservation program for larger power users. ISU is participating in Idaho Power's Industrial Efficiency Incentive Program, which allows large commercial, governmental and industrial customers to receive a financial incentive and lower their electrical bills through the more efficient use of their electrical processes. Idaho Power pays qualified customers an incentive to modify an existing process or install a more efficient one.

ISU received last fall's reimbursement from Idaho Power after installing more efficient lighting in all seven of the University's Physical Plant Buildings, as well as in portions of Reed Gymnasium. The high-efficiency lighting installed in Reed Gymnasium alone saved the University 50,000 kilowatts of electricity, about \$2,000 worth of power, in the last year.

The installation of the VendingMiser units also will be eligible for inclusion in the Idaho Power Program. ISU's major energy-conservation program is an energy-performance contract with Chevron Energy Solutions, in which the company is spending between \$4 - \$5 million to replace or convert mechanical systems at ISU to make them more energy efficient. The money ISU saves by consuming less energy will pay for the projects completed by Chevron Energy Solutions.

So far, projects completed by Chevron Energy Solutions at ISU during the last year are conservatively saving the University \$300,000 per year. ISU conserved 1.2 million kilowatt hours of energy last year by participating in the energy performance contract. The major components of the contract are replacing and/or modifying the University's lighting, HVAC units, water system and heating plant.

For questions or more information on ISU's energy conservation programs, contact Jeff Madsen at madsjeff@isu.edu or 208.282.4621.

University of Idaho

By Charles Zillinger, Director Landscape and Exterior Svcs

The University of Idaho resurrected an old tradition of campus volunteerism in re-establishing **Campus Day** on April 11, 2006. This four-hour event allowed staff and students time to perform some "hands-on" cleanup and beautification work around campus.



Campus Day was originally sponsored in 1910 and lasted the whole day. At that time, it was not a volunteer effort, but was a required event for all able-bodied males. Punishment for trying to avoid the day of service included being tossed into Paradise Creek or being fire-hosed by the ROTC cadets.

Thankfully, we are a much kinder and gentler campus nowadays, and with the reinstatement of this event, dozens attended the opening ceremony to hear remarks from President Tim White and to receive their work assignments at the job booth. Free coffee and doughnuts were available for all. President White also donned work clothes and gloves and joined in the festivities.

The previous week of very wet weather somewhat limited the projects selected for the event. Twelve projects were chosen to meet current safety standards for "volunteer"

help, and they included such things as trash pickup along Paradise Creek, raking rock out of the grass along roadways, placing bark in planter beds, cleaning of the Swim Center and Tennis Courts, teaming with the City of Moscow to install the final link of Paradise Path --- a popular community walking/cycling trail, and the creation of a new chip trail path to the recently re-discovered historic Liberty Grove within Shattuck Arboretum on campus.

The arboretum was originally established in 1910, the same year of the original Campus Day event. While gathering historical data to be used for interpretive projects within the arboretum, the Campus Arborist and Arboretum Horticulturist found newspaper articles referencing the dedication of Liberty Grove on May 30, 1919, to honor the 32 UI students and graduates who died during World War I. Ten red oaks and twenty-two evergreens had been planted within the arboretum in the students' honor. Through some detective work we were able to locate the ten red oaks that were dedicated on that day nearly eighty-seven years ago. All ten trees are healthy and doing well. The location of the evergreens is purely speculative at this time though, as we have no formal planting plans or records for the dedication event. The newly established trail through the arboretum will allow us to highlight this historic grove and to commemorate the sacrifice of the World War I soldiers.

Overall, the reconstituted Campus Day event went well, though it required a lot of planning, publicity, and some funding for additional tools and materials. The success of the event proves that we do have a substantial group of volunteers who aren't afraid of hard work and who are eager to accomplish projects which beautify the campus. We've already begun to look ahead to projects for next year, and are considering expanding the event to a full day. Next year we hope to better engage our volunteers in identifying and serving as project leaders for projects more directly linked with "their" part of the campus.

For questions, contact Brian Johnson, AVP Facilities, at johnsonb@uidaho.edu.

Montana Report

Correspondent: Jonathan Ford

Montana State University

By Jonathan Ford, Manager Environmental Services

Another academic year has come to an end, and with it some changes. Bob Lashaway, formerly Director of the Office of Facilities Services and contributor to this newsletter, has moved to a newly created position in our administrative hierarchy, Associate Vice President of University Services. My name is Jonathan Ford, and I have been a member of APPA and RMA since 1982 and was the regular contributor to the newsletter in the late 80's and early 90's. I have once again been assigned as the primary contributor to the RMA newsletter for Montana State University - Bozeman.

MSU's commencement this year came earlier than ever before, on May 6. Global warming aside, in Bozeman, things have barely come out of the snow and still look quite rough on the grounds. We plant a few sacrificial flowers in key planters for the occasion, but they are at risk at being snuffed out by a good freeze until after Memorial Day. Some of you may not know, but in 2001 we had 14.3 inches of snow over a 24 hour period on June 13. This year we lucked out with some beautiful weather with temperatures into the 70's.

We have another busy construction season, with the usual

urgency to get as much done as possible in the rather brief weather window. The \$23 million Chemistry Research Building in the center of campus is well underway with the foundations and lower walls in place. Construction has begun on the \$12.6 million renovation of the Health and Physical Education facility to create a modern fitness center. A \$3.5 million Black Box Theater addition to the Visual Communications Building will be (pending a signed contract) starting soon. It will replace an aging theater in the student union building, which will allow the old facility to be restored to its original function, a large ballroom. Of course, we have the usual plethora of parking lot surfacing/sealing projects, renovations and roof replacements.

One of the roof replacements, on the "Old Main" building (a.k.a. Montana Hall), is interesting because of the 16/12 pitch, which isn't seen very often these days. The original specifications in the 1892 design called for slate shingles, but as we looked into it, we couldn't be sure that there was ever a slate roof on the building. The structure was rather lightly built to handle a load as imposing as slate. Because of the aging wooden beams and the obviously significant expense, we reluctantly abandoned our original intent to restore the roof to its intended slate glory.

A few years ago, President Geoff Gamble inaugurated a fall campus move-in day, during which volunteers from MSU's professional, academic and classified staff don tee-shirts and help incoming freshmen haul their gear from the parking lot to their assigned room in the residence halls. This has been a great success and there has been a lot of positive feedback from parents and students alike.

This year, the Facilities Operations and Maintenance and the Planning, Design and Construction Departments of University Services provided the first litter-picking sweep of campus on the afternoon before Commencement. All seventy employees that were on shift at that time, including administrators, plumbers and clerical staff, put on blue Facilities Services tee-shirts and were hauled down to the far side of campus in fifteen-passenger vans loaned from Transportation Services. Trash bags were issued to each worker, and the group swept the campus in a line kept together with radio communications and Landscape and Grounds folks "hazing" (like the buffalo trying to leave Yellowstone) stragglers with utility carts as they picked up filled bags. The group met in the maintenance yard afterward for pizza and sodas. The local news media covered the event, and it looks like this is going to grow into the perfect "bookend" to the fall move-in day, with lots of participation from the rest of the campus community.

Utah Report

Correspondent: Brian Nielson

University of Utah

By Brian Nielson, Associate Director, Buildings and Grounds

On behalf of the entire Rocky Mountain group I extend a hearty "Thank You" to Pete for the many years he has dedicated to improve facilities and operations in higher education. He has pushed the bar up for many of us to achieve a higher standard and in my case that standard was much higher than I thought I was capable. I know Pete will remain active in facilities and you will probably see many articles penned by him in various publications to promote ideas and thoughts.

Pete has worked in various capacities in Plant Operations at

the University of Utah, starting in 1962 and has had progressively increasing responsibilities and accountabilities. He has been Director, Plant Operations since 1991 and was promoted to Assistant Vice President in July 2004.

At the national level, Pete is Past Vice President and President of **APPA: The Association of Higher Education Facilities Officers**. He is also a Past President of the Rocky Mountain regional chapter of APPA and is currently President of the Utah chapter.

Pete has published in journals and manuals regarding facilities O&M published by APPA, RS Means, and other organizations and is a regular columnist for College Planning & Management. He currently serves on the editorial advisory board for Maintenance Solutions.

From 1996 through 2002, in addition to his regular assignments, Pete was assigned the role of Olympic Operations Coordinator in preparation for the 2002 Olympic Winter Games, working closely with representatives for SLOC, as well as the FBI, Department of Defense, UOPSC, and the Secret Service.

More recently, he participated in several training seminars (offered by Homeland Security) involving preparation for natural and man-made disasters, security planning, emergency operations, etc.

Pete is a presenter at various conferences of professional associations (APPA, NASULGC, IFMA, NAESCO, NACAS, and others) on energy management, deferred maintenance, and other topics.

He is a past member of the Salt Lake City Stormwater Advisory Committee, a past member and chair, Salt Lake City Public Utilities Advisory Commission, and a past member of the Mayor's Planning Committee for Single Resident Housing/Low Income Housing.

Pete directed efforts to implement a \$40 million energy project, including energy conserving retrofit projects in most of the University's buildings, plus the construction of a new chiller/boiler plant, with no direct state funding. He also organized activities leading to our institution's national recognition as an **Energy Star** Partner, and the more recent recognition of our University as a **Green Power** Partner, leading efforts toward the installation of a cogeneration plant.

Finally, Pete has been a leader in our campus' shift toward sustainable and energy efficient design for new and remodeled buildings and participated in the development of the State of Utah's SBEEP program, a LEED look-alike program with less up-front costs. With up front costs out of the way I'm sure Pete will find many other uses for his time!

Pete, we wish the best in your new career path!!



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For Your Consideration

You don't lead by hitting people over the head; that's assault, not leadership. Leadership is the art of getting someone else to do something you want done because he wants to do it.

- Dwight D Eisenhower

It is wonderful when the people believe in their leader. It's more wonderful when the leader believes in the people.

- Booker T. Washington

Education is the ability to listen to almost anything without losing your temper or your self-confidence.

- Robert Frost

Only the truly intelligent know when they are being stupid.

- Maria Schneider

Editor's Corner

In one of his better song writing efforts after the breakup of the Beatles, John Lennon wrote "Life is what happens while you are busy making other plans". Comedian Rodney Dangerfield might have phrased it as "A funny thing happened to me while preparing this newsletter...".

All this by way of explaining why this edition is so late. I had the opportunity in early May of being seated on a three week jury for a personal injury case. And be assured, we sent the ambulance chasing, east coast attorney packing. That will teach him to come to Arizona looking for a big payday!

Another recent opportunity I had was to take a week long instruction on Six Sigma. My first impression when I heard of this program was "oh bother, another management theory that will be here and gone within 2 years". My attitude was quite changed after the conclusion of the training.

You ask what is Six Sigma? For those of you like me that missed the memo, here's the quintessential definition from the web site at <http://www.isixsigma.com>:

Six Sigma is a rigorous and a systematic methodology that utilizes information (management by facts) and statistical analysis to measure and improve a company's operational performance, practices and systems by identifying and preventing 'defects' in manufacturing and service-related processes in order to anticipate and exceed expectations of all stakeholders to accomplish effectiveness.

Arizona State University has gone through several iterations of management theory over the years, not the least of which was Total Quality Management (TQM, which we rebranded TQS for Total Quality Service). And while there was some beneficial output and result from this program, it died for lack of support at pretty much all levels of the university.

Will Six Sigma suffer a similar fate? Only time will tell, but my guess is no. Most importantly, it has the full support and mandate from President Crow (we all know how important it is to have "management buy in"). Additionally, ASU has hired a professional trainer (known in Six Sigma vocabulary as the Champion), recently retired from Motorola where this methodology was developed. I believe that this program offers us some real opportunities to quantify, measure and improve our personal and organizational performance in the real world and expect that APPA will adopt at least some of its methods in their training.

So, armed with my new found knowledge and skills (I'm a Six Sigma White Belt, don't mess with me) I hope to make a difference in the years that I have left at Arizona State University.

On the other hand... at risk of undoing all of the above, I have observed an individual in our building that works for the custodial contractor as a day porter. She speaks very little English and wouldn't know a metric from a mandrake. I doubt that she has much in the way of a formal education, certainly no management theory. And yet she continues to astonish us with her level of service, her good attitude, and her pleasant disposition. Clearly she believes that the opportunity to work is a privilege and realizes that this is self rewarding. And we with all of our education, training and theories scratch our heads and wonder why.

Until next time, I remain...

Your **Normally Agreeable Gazetteer** - JM

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Newsletter of the Rocky Mountain
Education Facilities Higher Education
Facilities Officers (RMA)

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.

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