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## Albuquerque Public Schools Facilities: 2017 Realities and Challenges in Detail

The difficult job of planning for school building maintenance is most effective when it relies upon up-to-date information about the condition and use of buildings, campuses, equipment, and personnel. As such, Albuquerque Public Schools staff members, who are intimately involved in the day-to-day assessment, repair, and maintenance and operations (“M&O”) of school facilities must also play an active role in the facilities maintenance planning process. Yet facilities maintenance planning is not solely the responsibility of M&O. Effective planning requires coordination of resources and commitment between M&O, the Capital Master Plan, and Facilities Design and Construction.

This challenge also deals with the reality of how dramatically schools and students have transformed in the last 10 to 15 years, and how M&O and APS have adapted to these realities. APS’ school facilities have grown in complexity and sophistication. The widely diverse students, representing an array of family classifications, no longer travel a linear education journey free of transitions and setbacks. Additionally, schools have become evening and weekend community hubs as well as the traditional education sites. To accommodate these many changes, M&O has transitioned from a straight forward maintenance-only function to a multifaceted facilities management operation that includes cutting-edge technology and data control, energy conservation programs, electrical and mechanical systems, state-of-the art monitoring and tracking software, astute facilities use scheduling, and much more. This presents endless new, challenging and exciting opportunities to meet rapidly evolving educational needs which were never imagined by the M&O management teams of yesterday.

Add into this equation that APS has 151 building sites with 16.2 million square feet; 12 million square feet of roofing, a geographical area just slightly smaller than the state of Rhode Island at 1250 square miles, \$50,000.00 in utility cost each day with a 24/7, 365 days a year operating schedule, and 50 acres of turf areas to maintain.

Make your reservations now to join the Facility Manager Association of New Mexico as we are honored to have John Dufay, Executive Director of Operations for Albuquerque Public Schools, speak about his challenges and solutions at the monthly breakfast meeting beginning at 7 am on Wednesday morning, February 15th, 2017, at the Garduno’s Uptown Restaurant in Albuquerque. Are you a facility manager? Come and share in John’s expertise and accomplishments. Are you a supplier? Come and find out what opportunities are available as APS takes on their upcoming projects.

Reservations are required but **FIRST TIME FACILITY MANAGERS are always FREE.** Register and pay by credit card at [www.fmanm.com](http://www.fmanm.com) before Monday, February 13th, to be included. Cost is \$30.00 for members and \$35.00 for non-members.



**ALBUQUERQUE  
PUBLIC SCHOOLS**



### Executive Director - Carolee Griffin

It seems the Facility Manager Association of New Mexico has an exciting line-up for the 2017 agenda! If you missed the January program, we explored the unimaginable proliferation of technology and connectivity with our very own FMA President, Tom Plummer. A record number of folks attended. Next up, another giant home-run hitter is at bat: John Dufay, Executive Director for the Albuquerque Public Schools maintenance and operations department will talk about his power-house projects, systems, and team strategies for 2017. Next, our March program will explore the critical dynamics of saving money and your equipment by investigating the positive effects of motor balancing and vibration analysis, hosted by long-time FMA supporters, Kinetic Improvement.

But wait, there's more!

Back by popular demand, the 3rd Annual Poker Run and Bike & Car Show returns on Saturday morning, April 22nd, hosted this year at the fabulous Thunderbird Harley Davidson dealership. Get your motors running and get your ride ready for the fun networking event of the spring. And our storied, infamous Scholarship Golf Tournament will be held again this year at the beautiful Isleta Eagle Championship Golf Tournament on Friday, July 28th, 2017. Start planning now to field a team, sponsor a hole, or sponsor the whole event!

Alive and thriving! See you this year at all of the FMANM programs.



**FMANM Vision Statement:** Establish and implement an organization to promote education, information, solutions and opportunities associated with the operations, maintenance, and sustainability of facilities.

## Upcoming Events Calendar 2017

**Wednesday, February 15th**

7:00 am, Garduno's Uptown  
John Dufay and APS Facility Challenges

**Wednesday, March 15th**

7:00 am, Garduno's Uptown  
How Vibration Analysis Saves Money

**Saturday, April 22nd**

11:00 am, Thunderbird Harley Davidson  
3rd Annual Poker Run and Car & Bike Show

## FMANM 2017 Membership List

- Access Technologies** • Ace Asphalt
- Affordable Service Inc • Air Management Services
- Albuquerque Public Schools/Operations Dept
- All American Moving Services • Allegiance Southwest
- Alvarado Management Ltd. • Amerind Risk Management Corp.
- American Restoration Water and Fire LLC • AQUIS
- Armour Pavement** • **Ashcraft Mechanical**
- Blue Cross Blue Shield of NM • Bob's Painting
- Brian McPartlon Roofing LLC
- Business Environments • Carnes & Company • CB Richard Ellis
- City of Albuquerque/Aviation Dept
- CNM/ School of Applied Technologies • Coronado Center
- Cort Furniture • Dahl Plumbing Supply
- D&H Petroleum and Environmental Services**
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- Gary Stevens LLC • Greer Enterprises
- Hidden Treasure Hard Surface Restoration, Inc • Honeywell DAS
- Hyatt Regency at Civic Plaza • IEC Electronics • Indian Health Service
- Industrial Water Engineering • Innovative Moving Systems
- Institute of American Indian Art • **IntraWorks, Inc.**
- Integrated Control Systems • ISHC Mechanical Contractor
- Keenan Supply • Kinetic Improvement • **Klinger Constructors**
- Ladera Engineering • La Vida Llana
- Route 66 Casino/Laguna Development Corporation
- Lovelace Respiratory Research Institute
- Maintenance Service Systems** • Matheson-TriGas Inc.
- Mike's Quality Painting** • **Morrison Supply Co** • Mountain Vector
- Moving Solutions** • National Dance Institute of NM • National Roofing
- Network Communications Integrated
- State of NM/Building Services Division
- NUSENDA Credit Union • New Mexico Gas Co.
- Overhead Door Co. • **PNM** • Prime Therapeutics Inc.
- Public School Facilities Authority**
- QMI New Mexico • Quail Run Association
- R.E. Michel Company, Inc. • Relevant Solutions • **RoofCARE**
- Sandia Laboratory Federal Credit Union • **Sandia Resort & Casino**
- Sandoval County Public Works** • Santa Fe Community College
- SDV Construction • Select Staffing, a Company of EmployBridge
- ServiceMaster Performance • **Serviceon Inc.**
- Sherwin-Williams Paint Co.
- Simplex Grinnell** • SMG/Albuquerque Convention Center
- SMI Facility Services • Southwest Infrared Services Inc.
- State of NM/Building Services Division
- Steamatic of Albuquerque and Santa Fe • **Summit Painting**
- Sunland Asphalt • Surface Resources
- SW Asset Management • **The Johnston Company Inc.**
- TLC Plumbing and Utility • Tremco • Travers Mechanical Services
- TP Pump • Tux Window Cleaning Ltd.
- University of New Mexico Facilities • **Voss Lighting**
- Western States Fire Protection** • Windsor Door Sales
- Yearout Mechanical Service, LLC** • Zia Rising Management

Special thanks to our Corporate Members in bold

# Facility Manager Association of New Mexico

SPECIAL FMA EVENT



## 3rd Annual Poker Run and Car/Bike Show

**Saturday, April 22nd, 2017:  
Get Ready to Roll!**

The Facility Manager Association of New Mexico does it again! On Saturday morning, April 22nd, 2017, the rubber will hit the road as we ride and drive to raise funds for our scholarships at UNM and CNM in a fun and interactive event.

### Who

Any car or motorcycle can participate

### When

Saturday morning, April 22, 2017

First vehicle out at 11 am

Last vehicle out by 11:30 am

6 Stops TBA

Return to Thunderbird Harley Davidson by 1 pm

### Where

Thunderbird Harley Davidson

5000 Alameda Blvd. NE, Albuquerque, NM

To register and receive the map of the stops

### Entertainment

Food and drink specials

Door prizes drawings

**Live Music!**



### Cost

#### Pre-Registration

\$30.00 per poker hand

ONLINE AT [www.FMANM.com](http://www.FMANM.com) by **credit card**

#### Day of Event

\$35.00 per poker hand **CASH ONLY**

#### Car/Motorcycle Show Voting

Vote for your favorite vehicle

3 ballots for \$5.00 **CASH ONLY**

### Prizes

#### Poker Run

Best Hand - \$200.00

2nd Best Hand - \$100.00

#### Car/Motorcycle Show

1st Place Trophy for most votes in either category



Questions? Contact Carolee at [carolee@fmanm.com](mailto:carolee@fmanm.com)

# Facility Manager Association of New Mexico

## SPECIAL FMA EVENT



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### What is a Poker Run?

Quite simply, it is a type of road rally where participants start at a common point and then travel to several additional intermediate destinations, finishing at a predetermined destination within a specified period of time. Along the route, participants draw cards and subsequently are awarded prizes for the best (or worst) hands as they arrive at the final stop. To top that, how about a Car and Bike Show to showcase that piece of rolling art that you have invested so much in? Let's do it! Vote for yourself to win! All money raised supports our scholarship funds.

### Who:

Members and guests of FMANM are invited to attend but the community in general, family and friends are all encouraged to participate. This fundraiser is open to all driver's license-holding bike and car enthusiasts. All makes and models from Hondas to Harleys and Mercedes to Mack are invited to participate. Variety is the spice of life! Roll out your restored classic or new 2017 Camaro! Everyone is welcome; put the kids in the convertible and join us.

### Cost:

Your first hand is \$30.00; subsequent additional hands cost \$10.00 each. Entry into the Car and Bike Show is included. To vote for a vehicle in the Show, you may purchase tickets for \$1.00 each; money raised goes towards the scholarship funds at UNM and CNM. Poker hand awards for high, 2nd and 3rd will be awarded as will prizes for the Car and Bike Show.



### When:

Saturday morning, April 22, 2017. First vehicle out at 10 am; last vehicle out by 11 am. Final destination must be reached by 1 pm. The rally is not about speed: safe riding and driving are key. Riders and drivers may take any route they chose between stops and may make the checkpoints in any order, but they must be at the end of the run to check in by 1 pm.

### Where:

Start at Thunderbird Harley Davidson, 5000 Alameda Blvd. NE, Albuquerque, NM, to register and receive the map of the stops. Intermediate stops are being determined but will stay within the city limits.



### Want to help?

Contact Carolee to man (or woman) a table at a checkpoint. Help me register folks at the beginning, work a check in point, or help access the hands at the finish or collect tickets for Car and Bike Show votes. Let me know what you can add. Get ready to roll for a great cause. See you in April!

# Technology Marches On: The Internet of Things is King

The Facility Manager Association of New Mexico's President Tom Plummer, P.E., stepped up to the plate and took a swing at outlining the proliferation of technology and how it affects how we run our buildings, our relationships, and how it affects our lives at a heavily attended January meeting, where members and guests of the organization gathered to network and bond while hearing thought provoking information.

An engineer, veteran, and facility manager, Tom is currently the Director of Health Facilities for the Albuquerque area Indian Health Service, and he brought his considerable experience and penchant for early adaption to the spirit of the meeting, exploring how we currently use technology to interface with our building

systems and to explore what the future may hold.

Citing the "building blocks" of the internet of things, he advised the group that the basics include sensors, connectivity, broadband, analytic software, building automation system/energy management systems, a common communication protocol (BACnet), intelligent controllers, smart utility meters, and network security/a good relationship with IT support as the IoT foundation.

The benefits? "You will achieve energy savings, Improved efficiency and service, lower labor costs, the ability to attract customers, keep employees and tenants happy, and protect your assets," he summarized in closing. A link to this presentation is on the FMANM website at [www.fmanm.com](http://www.fmanm.com).



## Technology cont'd



## Technology cont'd



**CHECK US OUT ON THE WEB AT [WWW.FMANM.COM](http://WWW.FMANM.COM)**

# APS Facility Challenges

## Wednesday, February 15th

Make reservations now to join the Facility Manager Association of New Mexico to hear John Dufay speak about the challenges involved with managing APS facilities. You must rsvp by 5:00 pm on Monday, February 13th, to be included.

**Please visit [www.fmanm.com](http://www.fmanm.com) to register online. Credit cards accepted.**

**When:** Wednesday, February 15th, 2017, at 7:00 am  
(Arrive early for coffee and connections)

**Where:** Garduno's Uptown  
2100 Louisiana Boulevard NE  
Albuquerque, NM (505) 880-0055

**Cost:** \$30 to Members  
\$35 to Non-Members



Join us for a Southwestern style breakfast buffet!