

THE UNIVERSITY OF NEW MEXICO  
OFFICE OF THE CHIEF INFORMATION OFFICER

PRESENTS

# TECH DAYS

June 8 - 9

2017

[techdays.unm.edu](http://techdays.unm.edu)

# WHAT IS TECH DAYS

Tech Days offers the University's faculty, staff, and students an exclusive opportunity to learn about technologies on campus. Attendees can participate in sessions, discussions, and hands-on demos of current and future technological innovations at the University.

## Value to the University Community

- Provides cost effective training to the University community.
- Brings University of New Mexico community together to share knowledge and experience with technologies UNM uses and what UNM is considering.
- Provides opportunity for informal networking and builds trust across the community.
- Provides opportunity for UNM community to hear from vendors about current and future technology portfolio.
- Helps align entire technology ecosystem to a common vision.
- Provides community stewardship with various partners associated with the University.

TECH DAYS HAS BEEN MADE POSSIBLE  
BY THE FOLLOWING SPONSORS

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# FEATURED PRESENTERS

## “STATUS OF IT EFFECTIVENESS & EFFICIENCIES”



### Duane Arruti Interim Chief Information Officer

Duane Arruti obtained his BBA from James Madison University in 1995 and his MBA from the University of New Mexico in 2008. He joined the University of New Mexico as a staff member in 1996 and has worked both on Main Campus and at the Health Sciences Center. Duane has taken a leadership role in a number of cross-campus technology initiatives, not the least of which was the UNM Banner implementation from 2002 to 2008. In his broad 20+ years at the University, Duane has served as associate controller for Financial Services, associate vice president for Human Resources and, for the last seven years, as director of Enterprise Applications for UNM IT. Duane is a licensed certified public accountant and also serves as an adjunct faculty member at the Anderson School of Management. Duane was named interim chief information officer effective September 1, 2016.



## “DIRECTION FOR IT IN THE COMMUNITY”

### Chaouki Abdallah, PhD UNM Interim President

Chaouki Abdallah obtained his Bachelor of Engineering from Youngstown State University in 1981, and his Master's and Ph.D. in Electrical Engineering from the Georgia Institute of Technology in 1982, and 1988 respectively. He joined the Electrical and Computer Engineering (ECE) Department at The University of New Mexico (UNM) and is currently professor of Electrical & Computer Engineering. Between 2001 and 2005, he was the associate chair for Graduate Affairs at ECE. From 2005 to 2011, he was the ECE department chair, prior to becoming the provost and executive vice president of Academic Affairs in July 2011, a position he held until December 2016. He was appointed acting president by The UNM Board of Regents in January 2017 and interim president on June 1, 2017



# PRESENTATIONS

**Presentations are ordered alphabetically. For a chronological listing, please refer to the schedule at the end of this booklet.**

## APPLE CLASSROOM 2.0 APP

**Stephen Pendergraft**

Classroom turns your iPad into a powerful teaching assistant, helping faculty and staff guide students through a lesson, see their progress, and keep them on track. With Classroom, you can easily launch the same app on every student device at the same time, or launch a different app for each group of students. Classroom helps faculty and staff focus on teaching so students can focus on learning.

## APPLE MANAGEMENT WITH JAMF PRO @ UNM

**Randy Diddel**

An overview of how Workstation Management manages macOS and iOS on the UNM campus.

## AUTO-POPULATED ACTIVE DIRECTORY GROUPS

**Andrew Hamilton, Linda Johansen**

Every night hundreds of Active Directory groups are populated from Banner data. Come learn what they are and how to use them.

## BANNER 9 ROAD MAP

**Stirling Crow, Nader Khalil**

Wondering what's new in Banner 9 and when UNM will adopt it? We'll provide an overview of Banner 9 administrative and self-service applications. We'll also provide a deep dive on how we are approaching the deployment of Banner 9 - Registration.

## CAMPUS ASSISTANT: A UNM-CENTRIC CHATBOT

**Torran Kahleck**

2017 Mobile Apps Contest winner - uses machine learning and voice recognition to deliver campus-related information via a simple user interface. Overview of app and technology used.

## CHROME RIVER: BEYOND THE BASICS

**Terry Shoebtham**

Beyond the Basics will review UNM's Chrome River PCard reconciliation and expense reimbursement system. Chrome River design and features will be emphasized, including how to successfully translate them into Banner Finance processes. Best practices will be covered, including report documentation, revising returned submissions, and analytic reporting.

## COMPUTER AND INTERNET ACCESS FOR PEOPLE WITH LIMITED SIGHT OR HEARING ABILITY OR HAVE AN ORTHOPEDIC DISABILITY

**Tonia Trapp**

How does someone surf the web, send emails, or create documents if they are blind, deaf or have an orthopedic disability? Demonstrations of some popular adaptive software and accessibility features such as JAWS, Dragon, video description, captioning and more.

## COMPUTING WITH CARC SYSTEMS

**Patrick Bridges**

Current and upcoming Center for Advanced Research Computing (CARC) systems and architectures, the role of virtualization in HPC, and how to use and support users on CARC systems.

## COORDINATED WORKSTATION PURCHASING

**Kirsten Martinez, Ben Murray**

How UNM IT piloted a coordinated workstation purchasing process with IT Officers and utilized workstation standards to gain internal efficiency and realize cost savings.

## CREATING A HYBRID CLOUD ROADMAP WITH EXISTING TOOLS

**Luis Avila**

Ways and ideas on how to use your existing VMware solutions and hardware to maximize a future transformation.

## DESIGNING A DIGITAL MEDIA CLASSROOM

**Kristen Garner**

Comprehensive commercial AV design based on typical real-world commercial applications.

## DESIGNING NEW EDUCATIONAL MODELS IN A WORLD OF DISRUPTIVE INNOVATION

**Becky Adams, Elisha Allen**

Discussion of trends affecting higher education, and technology, pedagogy and programmatic responses to these trends.

## ENCRYPTION AS A SERVICE

**Grace Faustino, John Impallomeni**

Overview of the encryption service in development at UNM and the supported products.

## **ENTERPRISE APPS ROADMAP**

**Tuan Bui, Nader Khalil, Glenn Nicol**

What is up and coming over the next 1-2 years regarding: Upgrades, Banner 9 and other Enterprise projects.

## **EXPANDING THE BOUNDARIES OF SHAREPOINT ONLINE**

**Luke Abeling, Greg Gaillard**

FERPA and external sharing on SharePoint Online.

## **GETTING STARTED WITH UNM LEARN**

**Becky Adams, Rob Wolf**

Learn the basics of using UNM Learn and the extensive Learn tool set for instruction, interaction, assignments and grading for online, hybrid and web-enhanced courses.

## **HOW TO FIND TECHNOLOGY AND WIRELESS COVERAGE ON CAMPUS**

**Tuan Bui, Viswanath Nandina**

Come see the Tech Finder App with visibility into Wireless Access Points around campus.

## **HOW TO PROTECT YOUR AV INVESTMENT**

**Crestron**

Open Forum for questions and answers regarding state-of-the-art Academic Technology.

## **INFORMATION SECURITY INCIDENT RESPONSE PRIMER**

**Lawrence Alderete, Lucas Walker**

What to do, and whom to call when you suspect an incident or breach. Questions, answers, and clarity.

## **IRBNET: USING UNM IRB'S ONLINE SUBMISSION PORTAL**

**Cecilia Brooke Cholka**

Overview of basics of IRBNet online submission platform used to manage submission to the UNM IRB. Researchers submitting to the UNM IRB will need to be familiar with IRNbet in order to submit documents for review.

## **JUNK, SPAM, PHISHING. GETTING AND KEEPING UNWANTED EMAIL OUT OF YOUR MAILBOX**

**Scott Parker**

UNM IT's current email anti-Spam environment and feedback mechanism, live examples to identify different types of unwanted messages and how to minimize their effect on your daily routine.

## **LOBOACHIEVE 2.0: UNM'S NEW ADVISING APPLICATION**

**Michael Hickman, Luke Merry**

Overview and demo.

## **MOBILE RESPONSIVE ADMISSIONS APPLICATION WITH BANNER INTEGRATION**

**Richard Valdez**

Enrollment Management and IT have collaborated on a new state-of-the-art admissions application that is accessible by desktops, tablets, and mobile devices. Come see how it is used and integrated with Banner for use in the admissions decision process.

## **MYIT: A ROAD TO ENHANCING UNM IT WORKLOAD VISIBILITY**

**Lynn Judkins, Teresa Ramirez**

An overview of our workload visibility tool.

## **RESEARCH & PUBLIC SERVICE PROJECT (RPSP) - DEGREE PLANS**

**Elias Lopez**

Roadmaps for Higher Education in New Mexico (RSPS) project allows all NM institutions to publish their degree plans, track progress of students relative to these plans, support transfer articulation and provide analytics regarding student progress and bottlenecks.

## **SCCM AS A SERVICE**

**Nathan Acosta, John Reindorp**

Brief overview of the System Center Configuration Manager (SCCM) service model and examples of functionality from current SCCM users.

## **SO YOU NEED A NEW APPLICATION OR FUNCTIONALITY?**

**Jeff Gassaway, Kirsten Martinez, TJ Martinez, Alesia Torres**

Overview of current process steps to procure, secure and engage IT for assistance to implement and support your new application.

## SPONSORED PROJECTS DASHBOARD & TECHNOLOGY TOOLS FOR PROPOSAL SUPPORT

**Hannah Clark, Monica Fishel, Christine Marquez, Rebecca Rendon de Gonzales, Chris Saxton, Stephanie Tofighi, Tim Wester**

Reports and functions available in the OSP Dashboard; Faculty Initiated Research Support Tool (FIRST), used to request support for proposal development, and PIVOT, a tool for finding external funding opportunities.

## SUCCESS THROUGH SIMPLICITY - ROADMAP TO BACK TO BASICS AND BEST PRACTICES

**Ryan Cooper, TJ Martinez**

UNM IT's Service Desk has adopted simplicity in our efforts to improve customer service. Listen to how we are answering calls within 8 seconds and solving problems over the phone 70% of the time.

## SURFACE: DEVICE HANDS ON

**Anthony Ferrari, Dale Perrigo**

Surface: get hands on with the newest Surface devices with digital inking and wireless display.

## TEAM MEMBER INTRO TO PROJECT ONLINE

**Marcos Abeyta, Gil Garduño, Moira Gerety, Erica Grong, Sridevi Kumaravelu**

IT's PMO recently adopted Microsoft Project Online. This session focuses on features which improve the experience for team members including: task views and updates, notifications, integration with O365. You and your manager can now see your total project workload.

## UNM ACADEMIC TECHNOLOGY MERGE AND FUTURE DIRECTIONS

**Elisha Allen**

As part of the ongoing UNM IT Effectiveness & Efficiencies initiatives, UNM has merged Extended Learning IT with IT Classroom Technologies to create Academic Technologies. We'll provide an update on the merge, services offered, and future opportunities and directions.

## UNM IT'S PROJECT MANAGEMENT PLATFORM

**Marcos Abeyta, Gil Garduño, Moira Gerety, Erica Grong, Sridevi Kumaravelu**

Overview of IT's project management platform, including processes, templates, technology, people and culture. Leveraging O365 stack with Microsoft Project Online, the IT project lifecycle, and improving ROI of tech investments.



## **UNMJOB 2.0**

**Emily Luhman, Jeff O'Keefe**

Training/questions answered about the new applicant tracking system.

## **UNM WIFI STRATEGY - UPGRADES AND EXPANSION**

**Steve Perry**

Overview of where we were, where we are, and where we plan to go to support WiFi.

## **USING ADOBE PRODUCTS FOR ACADEMIC AND STUDENT SUCCESS**

**Jason Katsoff**

Come see a few of the apps included in the Creative Cloud subscription. We will launch the apps and explore their workflow, and see how to harness Behance, Illustrator, Spark and others. Targeted at all levels of familiarity with Adobe, and no laptop or license needed.

## **VISUALIZING NM WORKFORCE DATA AND INFORMATION**

**Greg Heileman**

Fascinating graphics about NM Higher Ed graduation rates, career choices, hiring and salary trajectories.

## **VIRTUALIZING THE END USER EXPERIENCE**

**Luke Abeling, Ray Dennis, Andrew Hamilton**

Pushing efficiency to the boundary.

## **WHAT'S IN YOUR WAFFLE?**

**Anthony Ferrari, Dale Perrigo**

O365: Overview of Office.com; Best Practices for working in the Cloud; Skype; OneNote and digital inking; Newer elements including Delve, Sway, Yammer.

## **YOUR TEAM IS GOING TO BUILD A NEW APPLICATION?**

**Linda Johansen, Richard Valdez**

An overview of UNM IT tools, approaches, including UNM IT Development & Maintenance Standard.

# SCHEDULE

THURSDAY, JUNE 8

## Student Union Building

Time	Location	Title
7:45 AM	SUB Ballroom	Registration Begins
8:30 AM - 9:15 AM	SUB Ballroom	Status of IT Effectiveness & Efficiencies
9:30 AM - 11:00 AM	Lobo A/B	What's in Your Waffle?
	Acoma A/B	Sponsored Projects Dashboard & Technology Tools for Proposal Support
	Santa Ana A/B	Junk, Spam, Phishing. Getting and Keeping Unwanted Email Out of Your Mailbox
	Fiesta A/B	So You Need a New Application or Functionality?
	Mirage/Thunderbird	MyIT: A Road to Enhancing UNM IT Workload Visibility
	Trail/Spirit	Chrome River: Beyond the Basics
<b>BREAK (11:00 AM - 11:15 AM)</b>		
11:15 AM - 12:15 PM	Lobo A/B	Surface: Device Hands On
	Acoma A/B	IRBNet: Using UNM IRB's Online Submission Portal
	Santa Ana A/B	Banner 9 Road Map (CLOSED)
	Fiesta A/B	Your Team is Going to Build a New Application?
	Mirage/Thunderbird	Research & Public Service Project (RPSP) - Degree Plans
	LoboLab	Team Member Intro to Project Online (CLOSED)
<b>NETWORK LUNCH &amp; RAFFLE (12:15 PM - 1:15 PM)</b>		
1:30PM - 3:00 PM	Lobo A/B	What's in Your Waffle?
	Acoma A/B	Expanding the Boundaries of SharePoint Online
	Santa Ana A/B	Auto-Populated Active Directory Groups
	Fiesta A/B	Enterprise Apps Roadmap
	Mirage/Thunderbird	Computing with CARC Systems
	Trail/Spirit	Chrome River: Beyond the Basics
<b>BREAK (3:00 PM - 3:15 PM)</b>		
3:15 PM - 4:15 PM	Lobo A/B	Surface: Device Hands On
	Acoma A/B	SCCM as a Service
	Santa Ana A/B	UNM IT's Project Management Platform
	Fiesta A/B	Visualizing NM Workforce Data and Information
	Mirage/Thunderbird	Designing New Educational Models in a World of Disruptive Innovation
	Trail/Spirit	Information Security Incident Response Primer

Time	Location	Title
4:15 PM - 5:00 PM	Lobo A/B	Creating a Hybrid Cloud Roadmap with Existing Tools
	Acoma A/B	Computer and Internet Access for People with Limited Sight, Hearing, or Motor Abilities
	Santa Ana A/B	UNM Academic Tech Merge and Future Directions
	Fiesta A/B	How to Find Technology and Wireless Coverage on Campus
	Mirage/Thunderbird	Campus Assistant: A UNM-Centric Chatbot
	Trail/Spirit	Apple Management with JAMF Pro @ UNM

## FRIDAY, JUNE 9

### Student Union Building

Time	Location	Title
7:45 AM	SUB Ballroom	Registration Begins
8:30 AM - 9:15 AM	SUB Ballroom	Direction for IT in the Community
9:30 AM - 11:00 AM	Lobo A/B	Using Adobe Products for Academic and Student Success
	Acoma A/B	Success through Simplicity - Roadmap to back to basics and best practices
	Santa Ana A/B	Mobile Responsive Admissions Application with Banner Integration
	Fiesta A/B	Coordinated Workstation Purchasing
	Mirage/Thunderbird	Getting started with UNM Learn
	Trail/Spirit	Designing a Digital Media Classroom
<b>BREAK (11:00 AM - 11:15 AM)</b>		
11:15 PM - 12:15 PM	Lobo A/B	Apple Classroom 2.0 App
	Acoma A/B	Virtualizing the End User Experience
	Santa Ana A/B	LoboAchieve 2.0: UNM's New Advising Application
	Fiesta A/B	UNM WiFi Strategy - Upgrades and Expansion
	Mirage/Thunderbird	Encryption as a Service
	Trail/Spirit	UNMJobs 2.0
<b>NETWORK LUNCH &amp; RAFFLE (12:15 PM - 1:15 PM)</b>		
1:30 PM - 3:00 PM	Santa Ana A/B	How to Protect your AV Investment (CLOSED)

## "UNM IT ACADEMIC TECHNOLOGIES TEST KITCHEN" OPEN HOUSE

ALL DAY • BOTH DAYS

Located in Woodward Hall (Basement, West of Student Union Building)

Hosted by UNM IT Academic Technologies, Crestron, Epson, Qomo, and Sony

Get a hands-on demo of the latest technologies for the classroom and beyond with this open house.



**UNM**

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