THE UNIVERSITY OF NEW MEXICO
OFFICE OF THE CHIEF INFORMATION OFFICER

PRESENTS

TECHDAYS

June 8 - 9
2017

techdays.unm.edu
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 getting to know your environment 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.
“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 as Interim Chief Information Officer effective September 1, 2016.

“DIRECTION FOR IT IN THE COMMUNITY”

**Chaouki Abdallah, PhD**  
Acting University President

Chaouki T. Abdallah obtained his Bachelors of Engineering from Youngstown State University in 1981, and his Masters 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) where he is currently professor of Electrical & Computer Engineering. Between 2001 and 2005 he was the associate chair for graduate affairs at ECE. Between 2005 and 2011, he was the ECE department chair prior to his becoming the provost and executive vice president of academic affairs of UNM on July 2011, a position he held until December 2016. The Board of Regents appointed him acting president of UNM on January 1, 2017.
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 a facility 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 facility 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 Shoebotham*

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
Shad Malloy, 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, 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.
UNMJOBS 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.
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**“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.

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### Friday, June 9

**Student Union Building**

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