Technology Days gives UNM’s faculty, staff, and students an opportunity to learn about technologies on campus and participate in discussions of the current state of technology and future innovations at UNM.

WHAT IS TECH DAYS?

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.
Gil Gonzales joined UNM as Chief Information Officer (CIO) in August 2008. To date in his tenure, he has established direction to strengthen core services and broaden IT collaboration institution-wide and regionally, benefitting the entire State of New Mexico.

Kevin Stevenson is the Strategic Planner in the Office of the President at the University of New Mexico. In this role, he is responsible for overseeing a variety of university-wide strategic initiatives on behalf of the President, including oversight of the University’s strategic plan, and represents the University in a wide variety of external strategic endeavors.
ABQG at a Glance
Edward May & Henrietta Vigil
AUDIENCE: TECHNICAL & USER

The role of the ABQG has evolved from a basic regional connection point to that of an active participant in the research and educational community. This presentation will describe the transition and future of the ABQG as a provider of network services and expertise relative to today’s high-performance applications.

AIX to Linux Migration Project
Penny Giller, Lori Tafoya, Dee Dee Valdez & Wei Zhou
AUDIENCE: TECHNICAL

Many technical staff and functional testers across campus have helped with the migration of database and application services from AIX servers to Linux Virtual Machines (VMs). The project is scheduled to complete in June 2016. This presentation will walk through the work that was done and the benefits we are already seeing.

Broadband and other Technical Needs of Smaller Communities
Brian Ormand
AUDIENCE: TECHNICAL & USER

An NSF grant for Regional Planning for Cyberinfrastructure is revealing the criticality of broadband and other technical resources to smaller communities in New Mexico. UNM, NMSU, and NMT are partners with regional colleges throughout the state to convene key stakeholders in regions all over the state to discuss the true impact of these resources to Economic Development, delivery of Education, support for Research, and importance to Health Care. This session will discuss the status of these Regional Planning Events, and discuss a culminating event in Albuquerque later this year in November.

Broadband Upgrades in NM K-12 Public Schools
Ovidiu Viorica
AUDIENCE: TECHNICAL & USER

As a result of Senate Bill 159 of 2014, the Public School Capital Outlay Council (PSCOC) adopted the goal to assist public schools with infrastructure upgrades that will support access to broadband connections scalable to 1 Mbps/user. Funding of up to $10M/year can be awarded by the PSCOC between 2014 and 2019 to accomplish this goal.
**Business Analysts: The Business of Change**  
*Gil Garduno*

**AUDIENCE:** TECHNICAL & USER

Business Analysis is the practice of enabling change in an organizational context, by defining needs and recommending solutions that deliver value to stakeholders. UNM IT is investing in the development of a business analysis practice; this session will share our journey and our aspirations, as well as an overview of the tools and methodology we are adopting.

**Campus Premium Firewall Service**  
*Sean Taylor & Chad Vanpelt*

**AUDIENCE:** TECHNICAL

The session will cover recently upgraded UNM network backbone infrastructure, its security component and flexibility of service deployment. In addition, presenters will show how physical service segments can be logically managed based on department’s requirements, such as printing, HIPPA compliance, point of sale and/or administrative needs for this value-added services.

**Campus Wireless Expansion**  
*Mark Jones & Ed Romero*

**AUDIENCE:** TECHNICAL

As UNM begins a process of expanding the wireless network throughout the campus we would like to showcase the process from a standpoint of planning and execution. This process includes providing costs for equipment and installation as well as demonstrating the tools used for access point placement to provide the best coverage for a given area. This presentation will give a glimpse into the under-the-hood process for wireless installation and ongoing maintenance.

**City of Albuquerque Smart City & Broadband Initiatives**  
*Peter Ambs & Brian Osterloh with the City of Albuquerque*

**AUDIENCE:** USER

City of Albuquerque has become a top 10 digital city through initiatives in transparency, open data, online services, and internal efficiencies. Up next are smart city and broadband initiatives aimed at driving citizen engagement, service improvements, and economic development. Learn more about these initiatives from the City’s CIO and Associate CIO.

**Coming Soon to a Discuss Site Near You (UNM IT SLAs/Standards)**  
*Kirsten Martinez & Ann Swancer*

**AUDIENCE:** USER

This session will provide a brief overview of the Agreements process within UNM IT and plans for continuing improvement related to the IT Enterprise Service SLAs and Supplemental IT Service Standards.
Develop an Admissions Application Using HTML5/CSS3/AngularJS/Twitter Bootstrap and Banner APIs and Web Services

Torran Kahleck & Richard A. Valdez

AUDIENCE: TECHNICAL

During our 2006 Banner implementation, UNM made the decision to create a custom admissions application for undergraduate admissions. Requirements dictated that the application be fully integrated with the Banner Admissions process. We were recently approached by our Admissions Office to modernize the application and make it mobile. Come see how UNM re-engineered our application using Web 2.0/AngularJS/Twitter Bootstrap technology for the UI and Banner APIs/web services for back-end processing.

E-mail Merge: Automating Financial Aid Award Letters

Stirling Crow, Deepak Gorijala & Jagruth Peddineni

AUDIENCE: TECHNICAL

The Financial Aid department e-mails hundreds of award letters each summer that include customized PDFs for each student. Up until now, this process has been manual. Members from the Student and Financial Aid Team within IT Applications will present how they built a web application that can create customized emails with customized attachments using concepts borrowed from Microsoft’s Mail Merge functionality.

Everyday Skype for Business

Microsoft Representatives & Scott Parker

AUDIENCE: TECHNICAL & USER

Leverage the features of Skype for Business to communicate and collaborate without having to leave, or be at, your desk. In addition to Instant Messaging, see how to set up virtual meetings and use desktop sharing.

Got a Room? Managing Resources in Office 365

Scott Parker

AUDIENCE: USER

How do you keep everyone from scheduling the conference room at the same time? Who was the last person to use the department’s vehicle? This presentation will have tips on setting up, scheduling meetings, sharing, and controlling visibility for shared resources for department administrators and others who manage them in Office 365.

How Fast Can Your Service Run?

Ryan E. Cooper

AUDIENCE: TECHNICAL & USER

Understand how to reach across team silos, identify gaps, remove confusion and assign ownership to successfully fulfill requests against your Services. This presentation will provide the steps from A to Z on how to conduct working sessions, identify stakeholders, improve results and maintain consistency to add credibility to your Service.
Identity and Access Management
Jared Galbraith & Andrew Hamilton
AUDIENCE: TECHNICAL
IT is addressing new directives and increasing security with operational techniques and collaboration to enable its mission to provide secure system access. IT is working to provide increased self-service support and implementing authentication technologies to enhance security for applications. IT is increasing security to applications by pre-authenticating and validating access. We are also exploring role based provisioning and authorization for use in applications across campus.

Institutional Privacy Challenges
Jeff Gassaway & Sarah Morrow
AUDIENCE: TECHNICAL & USER
Sarah Morrow, HIPAA Privacy Officer and Privacy Officer for the Health Sciences Center and Jeff Gassaway, Information Security and Privacy Officer, will present on institutional issues and challenges, focusing on FERPA, HIPAA, and GLBA.

Information Security and Privacy Procurement Reviews
Marty Desautels & Jeff Gassaway
AUDIENCE: TECHNICAL & USER
Marty Desautels, Associate Controller Procurement Services, and Jeff Gassaway, UNM Information Security and Privacy Officer, will discuss UNM’s approach to compliance with the Graham Leech Bliley Act (GLBA) and other regulatory requirements, and how that has impacted UNM procurement processes.

Information Security Program Updates
Lawrence Alderete, Michael Burlison, Jeff Gassaway & Lucas Walker
AUDIENCE: USER
This presentation will consist of a review of the overall program, as well as a specific focus on recent and forthcoming program components, including Vulnerability Management, Event Management, and Incident Management.

Knowledge Management at UNM IT
Jason Krueger, Douglas Ray & Andrea Rodgers
AUDIENCE: TECHNICAL & USER
Have you ever wondered how UNM Information Technologies maintains content in FastInfo? In this session we will demonstrate the knowledge management process that UNM IT uses to identify, draft, publish, review, and retire content in our knowledgebase. We will provide an inside look at the templates, guidelines, reports, and processes we use. While FastInfo is the tool we use and our content is specific to IT, the concepts are applicable to any knowledge management tool or type of FAQ.
LoboCloud Better Together
Luke Abeling, John Impallomeni & Damion Terrell
AUDIENCE: TECHNICAL & USER
LoboCloud better together: Built on vRealize Automation 6.2.3 working closely with vSphere 6.0 and vRealize Orchestrator 6.0 to deliver you more capabilities, more ways to automate processes, and a more refined User Portal.

Making the Most of the IT Billing Portal
Miranda Harrison Marmaras & Kirsten Martinez
AUDIENCE: TECHNICAL & USER
New functionality in the UNM IT Billing Portal. Introduction to new reports, running reports in multiple formats, and overview of reconciling charges on the IT bill with Banner.

Managing Banner Upgrades – Solution Manager
John Lopez, Glenn Nicol, Lori Tafoya & Wei Zhou
AUDIENCE: TECHNICAL & USER
Solution Manager is a software application that provides a centralized and consistent methodology to download, deliver, install, configure, and manage Ellucian products. In this session, we will do a demonstration of the tool and discuss our Proof of Concept experiences and some recommendations for future use.

Managed Workstations
Ray Dennis & Benjamin Murray
AUDIENCE: TECHNICAL & USER
What are managed workstations? This will be an informative explanation of what a managed workstation is.

MESA: Mobile Event Schedule Application
Randy Johnson
AUDIENCE: TECHNICAL & USER
MESA provides a methodology to easily present any event schedule in a mobile-friendly format. The purpose of this presentation is to demonstrate how simple web technology can be used to provide a practical and re-usable solution to the universal issue of presenting event session scheduling in a comprehensible, accessible, and up-to-date manner. This session will demonstrate the user interface and the administrative interface, along with a walk-through of the coding process.
New Banner is Coming!
Linda Johansen
AUDIENCE: TECHNICAL & USER
UNM is currently using Banner version 8. Banner version 9, or “XE”, is beginning to become available and it is very new, very different, and very awesome. For starters, it features a real web interface that no longer requires Java or j-initiator!! Join us to get a sneak peek at what Banner XE looks like and to learn more about what new functionality it includes and what changes are coming.

Progress in Institutional Reporting 2015-2016
Paige Briggs, Office of Institutional Analytics; Vik Patel, Enrollment Management Reporting Team; Barbara Pfaff, Information Technologies; Gabe Rivera, Human Resources IT & Business Services; Finance Systems Management; IT Data Analytics & Reporting Team; Information Builders
AUDIENCE: TECHNICAL & USER
UNM continues to make great strides in the development of reporting applications to assist the campus community in day-to-day operations. Come see our accomplishments! This year, our panel of presenters will include Information Builders, our vendor-partner for the WebFOCUS product.

Project Management: Is it an oxymoron?
John Colangelo & Sridevi Kumaravelu
AUDIENCE: TECHNICAL & USER
Why would we manage projects differently from operations and how can we be sure we’re adding value? In this session we will cover the current practices IT uses for managing large enterprise projects, how we scale the practice down for small projects, and how we are evolving the practice as we mature. The art of project management is adapting what can be an onerous set of standard tools, templates, processes and artifacts to the project at hand--without feeling like it’s “just paperwork.”

ScienceDMZ Update
Jonathan Bell & Sean Taylor
AUDIENCE: TECHNICAL
The session will briefly cover ScienceDMZ basics; a live demo of a Globus GridFTP transfer between DTNs to show the capability; campus implementation update so far; what’s left to finish out the grant; Q&A session on how to join in the future.

SDC (Same Day Computer)
Randy Diddel & Raiff Arviso
AUDIENCE: TECHNICAL & USER
Introduction to WSM offering of the Same Day Computer.
Seamless Workflows Using Adobe Creative Cloud and Mobile Apps
Jason Katsoff with Adobe
AUDIENCE: TECHNICAL & USER
See how designers and non-designers alike can take advantage of the fun, easy-to-use Creative Cloud mobile apps and Creative Cloud desktop apps. Learn how you can easily edit video, images, and create engaging digital stories.

Securing Your Web Applications and Databases
Tuan Bui, Garth Colasurdo, Nader Khalil & Lucas Walker
AUDIENCE: TECHNICAL
With many of our university services available online, web security remains one of the most critical issues that developers face when it comes to designing and building websites and web applications. Securing a website or web application from potential data breaches and attacks can be a daunting task - but not impossible.

Service Desk Non-Core Standard
Brett Burleigh, Jason Krueger, Derek Mora, Douglas Ray, Andrea Rodgers & Louis Vottero
AUDIENCE: TECHNICAL
An interactive discussion of the Standard for Non-Core IT Service Desks at UNM. This is an opportunity to provide feedback, ask for clarification, and collaboratively assess how the Standard might apply to your specific environment. To facilitate efficient use of time and targeted/useful information, we will request feedback and questions prior to the presentation via the IT UNM and IT Agents listservs.

SharePoint Online is Here!
AUDIENCE: TECHNICAL & USER
SharePoint Online, migration process update, what’s new, software limits, automating your business processes, Office 365 integration.

Staff Workstation Lifecycle
Kirsten Martinez & Benjamin Murray
AUDIENCE: TECHNICAL & USER
This presentation will share how UNM IT developed an internal staff workstation policy to gain internal efficiency, assist in budget planning, and to provide a consistent and transparent process around the IT staff workstation lifecycle.
Student Mobile App Contest - Overview and Experiences
Garth Colasurdo, CNM & UNM Student Teams
AUDIENCE: TECHNICAL & USER
For our students, the window into their world is predominantly mobile. Not only do they expect services that are available to them on the go, but they are fully capable of building the experiences they want. To provide incentives for these solutions, UNM has hosted mobile app contests for the past 3 years. This session will talk about the effort involved in putting on a contest, and past participants will talk about their experiences- all while under a full load of classes!

The Student Experience
David Sanchez
AUDIENCE: USER
This session is intended to open up a dialogue between people who use technology and those who provide technology. Technology staff need to hear from our student customers about the overall experience they have with technology at UNM and how it might be improved. A facilitator will mediate a discussion between a panel of students and the audience.

Take Control of Your LoboMail Inbox
Scott Parker
AUDIENCE: TECHNICAL & USER
If you have a few, or a few thousand emails in your Inbox, Office 365 and Outlook 2016 have powerful organization tools that can highlight the most important emails, quickly find messages you’ve been saving, and separate out what does not need immediate attention.

Technology for 21st Century Learning Environments
Alex Castillo
AUDIENCE: TECHNICAL & USER
Integrating technology into the learning process is fundamental for educators. Dell’s next-generation educational solutions deliver the capabilities to successfully adapt to this new landscape and support your organization as you prepare students for career readiness in a rapidly changing world.

Technology Integration Group (TIG): Update on UNM information technology effectiveness and efficiencies project.
Kevin Stevenson
AUDIENCE: TECHNICAL & USER
An update, discussion and Q&A on UNM’s work with TIG to evolve business, fiscal, and governance models for information technology services across campus.
Top 5 End User FAQs
Jason Krueger & Andrea Rodgers
AUDIENCE: TECHNICAL & USER
In this session, we will reveal the most frequent issues that a user can resolve without our intervention, then demonstrate how to fix these issues without having to call. Users will leave with helpful information they can use to increase their productivity, and department IT professionals will gain insight they can use to help their customers.

Training & Development for IT Professionals
Shirley Alexander
AUDIENCE: TECHNICAL & USER
Training is essential to keeping pace with new and evolving technologies. The need for IT professionals to maintain technical skills is essential with technological innovations comprised of new products and enterprise services.

Triage 101
Jason Krueger & Andrea Rodgers
AUDIENCE: TECHNICAL & USER
An overview and demonstration of the tools and techniques the UNM IT Service Desk uses in triaging incidents and service requests. Specific topics include FastInfo, IT Alerts, Help.UNM Self Service, basic desktop troubleshooting, and the most common FAQs.

UNM Voice 101
Margaret Krawic & Mark Reynolds
AUDIENCE: TECHNICAL & USER
The University of New Mexico IT voice communications department began providing services in 1980. Since then the voice communications products have migrated to many different solutions and applications. This presentation will go through the years of voice communications platforms and solutions to the future applications and services that will be available in 2020 and beyond.

UNM Website Hosting Open Forum
Neil Sabol
AUDIENCE: TECHNICAL & USER
This is an open forum style presentation aimed to address questions about website hosting and search engine optimization at UNM. Bring your own questions. Have you ever wondered the following? How do I… improve my department or club web site’s search ranking? Improve the security of my WordPress site? Install and maintain WordPress or Drupal on UNM servers easily? Create a website at UNM?
Vulnerability Scanning

Lawrence Alderete, Michael Burlison, Lucas Walker

AUDIENCE: TECHNICAL & USER

Information Security and Privacy team members will be demonstrating how our vulnerability scans work and answering questions about the processes around scanning and remediation.

What’s New and What’s Next in Office 365

Erik Desbois

AUDIENCE: TECHNICAL & USER

Microsoft is constantly improving the applications, functions, and interface experience for Office 365 users. We will review the changes made in the last year, and preview Microsoft’s improvement road map.

Windows 10

Garrett Rees, Ray Dennis, Benjamin Murray

AUDIENCE: TECHNICAL & USER

The best versions of Windows have been combined into Windows 10. Come learn basic navigation tips, how to set up your start menu, and how search will enable you to easily find everything on your computer and on the web.
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