

STAFF  
FACULTY  
STUDENTS

DISCUSSION

INNOVATION

# TECH DAYS

EXCLUSIVE

FUTURE

CURRENT

NO-COST  
SESSIONS AND LIVE DEMOS

# 2024

presented by



OFFICE OF THE  
CHIEF INFORMATION  
OFFICER

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

# What is Tech Days?

Tech Days offers the University's students, faculty, and staff 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.

## Tech Days is made possible by



# Keynote

## AI (R)evolution: how did we get here and where are we going?

Melanie E. Moses - Professor Computer Science and Biology, The University of New Mexico

Artificial Intelligence has the potential to transform science and society in profoundly positive ways, but it comes with risks. UNM can play a unique role in enhancing the societal benefits of AI and mitigating its harms. Learn about the perils of AI that are already starting to affect everything and everyone including disinformation, encoding systemic bias and eroding privacy.



Melanie E. Moses is a Professor of Computer Science and Biology at the University of New Mexico and an External Faculty Member at the Santa Fe Institute. She earned a B.S. from Stanford University in Symbolic Systems and a Ph.D. in Biology from UNM. Her interdisciplinary research crosses the boundaries of Computer Science and Biology by modeling search processes in complex adaptive systems such as ant colonies and immune systems, and most recently the immune response to the virus that causes COVID-19. She co-founded the UNM-SFI Working Group on Algorithmic Justice and is on the leadership team of the UNM ADVANCE program to support the success of women faculty in STEM. She currently

serves on the Computing Research Association's Widening Participation board and on the board of Reboot Catalyst to increase participation of Black Latina and Native American women in Computer Science. She is a Special Advisor to the Dean of Engineering for Educational Initiatives and to the Vice President for Research for Artificial Intelligence.

## Presentations A - Z

### **Accelerating a Generative AI Strategy in Higher Education**

John Callahan - Data and AI Specialist, Microsoft

Microsoft and OpenAI are shaping the future of education through generative AI. From personalized learning experiences, customized course materials, and conversational bots to transform student success, we'll uncover the transformative impact of AI-powered solutions. Buckle up for an enlightening exploration!

Audience: User

### **Advancing UNM Banner: A Path to Progress & Excellence**

Tuan Bui - Associate Director, IT Applications, Robert Kerwin - Senior Core IT Services Specialist, IT Applications, Chris Radke - Account Executive, Ellucian

Ellucian and UNM will unveil the comprehensive roadmap for the 2024-2025 upgrade cycle for Banner 9 Self-Service, emphasizing the exciting new features and solutions designed to overcome existing challenges within our current operational environment.

Audience: Technical & User

### **AI for the Modern Educational Environment: A Microsoft Perspective**

Scott Schwarz - Security & Compliance Technical Specialist, SpecII, Kyle Costa - Security & Compliance Specialist, Seth Jewell - Modern Workplace Technical Specialist, Monica Brooks, Modern Workplace Specialist, Microsoft Corporation

In today's dynamic educational landscape, artificial intelligence (AI) is revolutionizing how we teach, learn, and collaborate. Microsoft's suite of AI-powered tools within Microsoft 365 offers educators, students, and institutions innovative solutions to enhance productivity, foster creativity, and drive educational excellence.

Audience: Technical & User

## **All of Us: Using Big Data to Study Factors Affecting Health and Health Impacts**

Deborah Rhue - Clinical Services Librarian, Todd Quinn - Associate Professor, Karl Benedict - Director, Research Data Services, Lori Sloane - Data Manager, CULLS, HSLIC

The NIH All of Us Research Program brings together health and associated survey data on over 750,000 diverse Americans. UNM and UNM HSC researchers and students can use the All of Us data and analysis platform to address public health and biomedical research questions. Learn more about the All of Us Research Program. We will provide information about the different data sets and tiers of access available, the onboarding required, and available training options.

Audience: Technical & User

## **Ansible Automation Platform - Provisioning Git Webserver**

Dez Wong - Core IT Service Specialist, Sr, Kyle Gainey - Systems Analyst 3, Brandon Amend, Systems Analyst 2, UNM Information Technologies

“System As A Service” (SAAS), also known as “push button” automation technology, is now! See how Ansible Automation Platform has enabled IT-Platforms to provision systems quickly and securely. As a demonstration, we will provision a fully functional git web server during the presentation.

Audience: Technical & User

## **Banner & Ellucian - What's Next? An Ellucian Platform Showcase**

Chris Radke - Account Executive, Ellucian

Where could we be tomorrow? See the Ellucian Platform, the next generation platform approach specifically tailored towards Higher Education. We'll explore true student engagement, an intuitive staff experience, and much more.

Audience: Technical & User

## Building a Modern Data Strategy

Sudheer Manubolu - Solutions Architect, Amazon Web Services

Data is growing exponentially and coming in more diverse formats than ever before. This makes it challenging to extract value. A modern data strategy can help you manage, act on, and react to your data so you can make better decisions, respond faster, and uncover new opportunities. In this session you will learn about how to modernize your data infrastructure, how to unify data by breaking down silos, and how to leverage machine learning to reduce the burden of manual processing and analytics.

Audience: Technical & User

## Building Cyber Resilience

Chris Hammer - Cybersecurity Solutions Architect, ANM

What does it mean to be Cyber Resilient? Is your organization ready to anticipate a critical outage and withstand the event while recovering key business systems and adapting to future issues? Key topics to consider while developing your Cyber Resilience strategy.

Audience: Technical & User

## Cohort Analytics: Dashboards for Targeted & Actionable Analytics

Michael Hickman - Director, John Hellier - Software Developer, Institute of Design & Innovation

Cohort Analytics is a dashboard tool that aims to aid in data-driven decision making at all levels of the university by providing analytics through clean data visualizations that can be targeted to any user defined cohort of students. The available dashboards are grounded in IDI's research and provide insights into student outcomes and behavior. A brief description of Cohort Analytics' development as a cloud-native application will be followed by a demo.

Audience: Technical & User

## Converting Data Between Wide and Long Format in R

Jing Feng - Sr. Institutional Researcher, Office of Institutional Analytics

Learn how to convert data tables between wide and long formats in R, using functions from the tidyr package and reshape2 package. This will be a hands-on session where participants can follow along in some exercises. Participants are expected to have basic familiarity with R and have R/RStudio installed on their machines.

Audience: Technical

## Creating and Editing Videos in Adobe Express for Beginners!

Donna Caldwell, Principal Solutions Consultant, Adobe

Today, you can create videos using a low lift tool, Express Video, which can help you incorporate the power of video into any project or curriculum. Whether you have never integrated video into a project or class, or have strong video editing skill, Express Video cloud-based editor provides a way for you to be successful. Studies show a range of benefits by integrating video into communications as well as teaching and learning workflows, including increased engagement, knowledge retention, and proficiency in digital agility and communication.

Audience: Technical & User

## Creativity and Adobe AI

Donna Caldwell, Principal Solutions Consultant, Adobe

Generative AI frees us to create, explore, and push boundaries like never before, saving time for what's most meaningful. It's the next step in Adobe Sensei's decade of development. Done right, it can amplify creativity and intelligence without replacing the beauty and power of the human imagination. Delve into Firefly's and GenAI's impact on education and creativity, including: Develop student digital fluency and critical workforce skills; Implement low-lift, high-impact workflows, while increasing student engagement; Understand ethical, technical, security and privacy aspects of AI and Firefly implementation into Adobe applications

Audience: Technical & User

## **Data Equity Tools from the US Census Bureau**

Suzan Reagan - Senior Program Manager Data Bank,  
Bureau of Business and Economic Research

Find out about different tools and data sets from the US Census Bureau that help advance equity. This will be a hands on approach, you can work with the speaker and download data sets during the presentation. Work through Demographic, Racial and Ethnic Diversity Measures, Broadband Access, Income and Poverty. We will cover at least a dozen tools!

Audience: User

## **Data Sensemaking: What Is It and How Can You Use It as a Lever to Better Insights**

Alejandra Villalobos Melendez - Sr. Institutional Researcher, UNM-Taos Executive  
Office | Institutional Research

Data is a resource that users transform into a catalyst for learning and improvement by creating meaning and developing implications for action. Learn the concept of data sensemaking and how to lean on the ladder of inference, developed by theorist Chris Argyris, to examine our assumptions, values, and beliefs that determine how we select, process, and interpret data and information.

Audience: Technical & User

## **Data Visualization in Tableau Public: The Free Version of Tableau!**

Charla Orozco - Institutional Researcher, Office of Institutional Analytics

Tableau Public is a FREE data visualization tool used to create interactive visuals and dashboards that can be published to the web for easy sharing and distribution. Learn how to create a Tableau Public account, how to download the Tableau Desktop Public Edition application, a few "Getting Started" basics for loading in data and creating visuals, as well as resources for learning more. The intended audience for this is beginner, no experience is necessary.

Audience: User



## Deploying macOS Sonoma

Chris Coffelt - Systems Engineer, Brent Hayward - Mac Solutions Architect, Jacob Dekkenga - Mac Solutions Architect, Apple Inc.

Learn about platform changes introduced with macOS Sonoma. We'll discuss the platform, dive into updates for new enrollment options and managed software updates, and cover additional resources for a successful Mac deployment in your environment.

Audience: Technical

## Don't Invest in a Pile of Shelfware

Kristen Sanders - Senior Security Advisor, Aquila

There's a ton of marketing jargon being thrown around and everyone is selling their zero trust, AI-powered, cloud-based, silver-bullet security solution. How do you determine when to invest and when to run? Lessons learned from being a CISO and Senior Security Advisor.

Audience: Technical & User

## Enhancing Software Distribution Services: Exploring Areas for Improvement

TJ Martinez - Director, Customer Support Svcs, Kirsten Moeller - Director, Fiscal Operations, Al Vottero - Service Desk Manager, UNM Information Technologies

Fostering a culture of quality customer service and efficient and reliable software delivery by leveraging leadership, strategy, best practices and customer engagement.

Audience: Technical & User



## Excel Tricks for Data Professionals

Elizabeth Kerl - Institutional Researcher, Office of Assessment & Academic Program Review

While data science has a lot of fancy tools, Excel is still the most commonly used. Come learn some tricks to speed up whatever you need to do, from basic to complex. We will cover formulas, sorts, lookups, and pivot tables.

Audience: Technical

## Foundation is Key. Don't Launch Without a Launch Pad.

Vincent Montoya - Student - Former Digital Integration Specialist for APS, UNM Law Student

Creating and implementing a functional digital classroom environment in Canvas as a foundation for integrating technology into the teaching and learning environment. As a current student and parent of a current student, I have first hand experience and would be overjoyed if a measurable number of my courses included a functional Canvas environment.



Audience: User



## How to Use Streamlyne Reports and Dashboards

Yavuz Ozkan - VP of Software Development, Streamlyne

Learn how to navigate, create, and modify Streamlyne reports and dashboards. Bring your laptop, questions, and reporting requirements for an in-depth, interactive session on the Streamlyne reporting module.



Audience: User

## Journey to One University through Salesforce

Lisa Beauchene-Lawson - Sr. Product Lead and Devon Williams - IT Project Manager 3, UNM IT Applications

In the rapidly evolving landscape of higher education, institutions are increasingly seeking innovative solutions to enhance the student experience and foster more dynamic learning environments. UNM is at this forefront, embracing Education Cloud to revolutionize its approach to the onboarding experience and student engagement. Explore the pivotal role of Education Cloud in developing a collaborative student support environment and facilitating personalized educational journeys from their first point of interaction.

Audience: Technical & User

## Leveraging ChatGPT for R Code

Kevin Mulcaire - Data Manager, Office of Institutional Analytics

By harnessing the power of natural language understanding in ChatGPT, we can streamline the coding process and interpret code errors with greater ease and efficiency. Using ChatGPT's vast knowledge base and contextual understanding, developers can gain insights into the root causes of errors and implement timely solutions. Through practical examples and demonstrations, learn how to integrate ChatGPT into their coding workflow, saving time and improving code quality.

Audience: Technical

## **Life at the Intersection of Education and Technology**

Elisha Allen - Director, UNM Online & IT Academic Technologies

The pandemic accelerated adoption of many technologies and normalized both distance education and the use of technology to facilitate instruction. The rise of Generative Artificial Intelligence is poised to further disrupt many things from education to the workforce and further fuel digital transformation. This presentation will provide an overview of UNM's Online and Academic Technology initiatives, state and national trends, and how technology and analytics are advancing learning.

Audience: Technical & User

## **Making Machine Learning Accesible in Higher Education!**

Robert Vanderburg - Programmer Analyst, The University of New Mexico

A.I. technologies, especially large language models, have been turning heads and garnering a lot of attention. Learn how to approach A. I. technology critically, see a demonstration of how machine learning is accessible to a range of user sophistication levels, understand how higher education can benefit from grass roots initiatives using machine learning.

Audience: Technical & User

## **Measuring Research Quality with Watermark's Faculty Success**

Eugene Rooney - Analyst, Anderson School of Management

If your accreditor or dean knocked on your office door tomorrow morning and said, "Hey, you need to improve your research standards and I'd like to see a benchmark of current research activity, too", are you able to quantify your current research state and measure research output over time? Discover the set of challenges we faced with such a directive and how we use Watermark's Faculty Success platform to measure research quality.

Audience: Technical & User



## Meet Students Where They Are, in the Moments that Matter

Brenda Sebastian - Principal Student Consultant and Tim Mueller - Account Executive, Principal Student Consultant, Workday

From journeys and alerts to email campaigns and more—view the tools to provide an experience unlike any other. Witness a flexible foundation that allows you to quickly adapt programs when things change. Put your data to work and quickly respond to unique situations. Easily import external data to get a holistic picture of each student. Help students succeed by quickly identifying at-risk students in real time.


Audience: Technical & User

## Modern Identity on macOS



Chris Coffelt - Systems Engineer, Brent Hayward - Mac Solutions Architect, Jacob Dekkenga - Mac Solutions Architect, Apple Inc.

Take a deeper dive on macOS management and deployment including Automated Device Enrollment and configuring a Zero Touch Deployment experience. See live demonstrations of SSO, Kerberos SSO on Mac and the new Platform SSO features for macOS Sonoma.



Audience: Technical

## NEC iDelight Productization



Greg Keegstra - Product Portfolio Director, NEC ARS

NEC Digital Identity Platform Overview



Audience: Technical & User



## **Our Continuing Journey to Service Excellence through Effective and Efficient Solutions**

Dilek Inal - Associate Director, Enterprise Managed Systems and Services, Alesia Torres - Director, Enterprise Applications, Kirsten Moeller - Director, IT Business Operations, TJ Martinez - Director, IT Customer Support Services, Tim Johnson - Director, IT Campus Outreach and Engagement, UNM Information Technologies

Embarking on a journey over seven years ago, our institution initiated a strategic endeavor aimed at enhancing IT effectiveness and efficiency. We invite you to join us for an insightful presentation featuring a panel of experts who have played pivotal roles spearheading cross-institutional initiatives across various domains, including Endpoint Lifecycle, Configuration Management Database, IT Workforce Recruitment and Retention, Workflow/Workload Management, and Academic Learning Environments.

Audience: Technical & User

## **Performance Evaluation of Three Open-Source Programming Languages (R, Julia, and Python)**

Zacharia Kibuta - Institutional Researcher, The Office of Institutional Analytics (OIA)

Performance evaluation of three open-source programming languages (R, Julia, and Python) in importing and aggregating large datasets remotely and non-remotely. The evaluation focuses on the time each programming language takes to load a large dataset to the computer memory (RAM), to perform data aggregation (count, sum, mean, max, etc.), and to perform join operations (inner, left, right, etc). This could aid users in data analytics and academia in improving the efficiency of their research.

Audience: Technical & User

## **Proactive & Personalized Communications: How to Leverage Data and AI to Enhance the Student Experience**

Jennifer Clark - Sr. Account Executive, Digital Engagement, Cheryl Morris - Sr. Solutions Engineer, Digital Engagement, Cara Robertson - Sr. Account Executive, Salesforce

Salesforce Marketing Cloud + Data + AI work together to engage constituents and support a seamless experience across the student journey. Learn how to effectively unlock institutional data, optimize communications and reach your constituents in a natural way according to their needs and preferences. Discover how institutions are leveraging the power of Salesforce CRM and Marketing Cloud solutions to guide students successfully through recruitment, enrollment, graduation and beyond.

Audience: Technical & User

## **Prompt Engineering Extravaganza**

Jennifer Bucich - Education Strategy, John Callahan - Data & AI Specialist, Monica Brooks - Modern Workplace Specialist, Seth Jewell - Technical Specialist, Easan Selvan - Cloud Specialist for Academic Medical, Microsoft Corporation

Embrace the world of prompts! Participants will be encouraged to explore various aspects of prompt design, generation, and utilization. Whether it's for chatbots, creative writing, or AI models, let's celebrate the art of crafting effective prompts for faculty, staff, and students.

Audience: User

## **Provisioning Development Application Tiers in Azure Using Private Endpoints**

Jared Galbraith - Core IT Svcs Splst, Sr, Kyle Gainey - Systems Analyst 3, IT Platforms

Learn the provisioning of development and integration application tiers from Azure DevOps to an Azure App service via our demonstration of creating the service, setting up the pipeline, and showing auto-provisioning.

Audience: Technical

### **QUIC-Fire: Next Gen Rx Fire Model**

Alex Masarie - Fire Science Programmer, New Mexico Consortium

Learn about the progress on restoring fire to landscapes via a next-generation computer simulation planning tool. QUIC-Fire is a computer model of finite difference, successive over-relaxation solution for coupled wind-fire flow equations that informs safety planning across millions of scenarios for restorative burns. Fire is a “hot” topic, do not miss this opportunity to witness a novel technology take the hot seat! Challenges and active research directions will be discussed.

Audience: Technical & User

### **Seeing the Forest Through the Trees: Why Creating an Admissions Pipeline is Essential**

Monte-Angel Richardson - Institutional Researcher, Office of Institutional Analytics

An admissions pipeline is the process a student goes through to reach enrollment. The process is imagined as a ‘pipeline’, because the aim of the university is to assist them along the pipeline through a standard set of steps. Beginning with awareness, when a student decides to search for a school, and ending in enrollment, the goal is to nurture them through all the stages. Mapping out the admissions journey is useful for highlighting both the strengths and weaknesses of the journey. This presentation will cover the process of creating an admissions pipeline data visualization, and discuss OIA's plans to create one for UNM this academic year.

Audience: Technical & User



### **Smart Armor for Live Action Role Play**

Tigress Lehmitz - Researcher, Astrobioengineer, UNM Biology Department

Tracking impacts in LARPs can be a challenge. They can come fast or at unusual angles. Some rule sets require you to keep track of different values in different hit zones or just do rapid math. Why not have the armor or costume keep track for you? This is the basic idea in current fencing where hits are automatically tracked and recorded. This fantasy armor has sensors and a computer on board to track and communicate hits.

Audience: Technical & User

### **Strengthening IT Services on Campus with a New IT Service Management Tool**

Rebecca Brown - IT Project Manager III, UNM IT Applications

Learn about the selection process for our new Information Technology Service Management tool. Understand the Request for Proposal (RFP) and selection process involving key stakeholders and various inputs; and see our high-level timeline for moving forward using project management best practices.

Audience: Technical & User

### **Student and Faculty Academic Modality Preferences**

Ryan Sishc - Technical Analyst III, Academic Technologies

Academic Technologies in partnership with Educause conducted a survey of the 2023 UNM student/faculty bodies with regards to post-pandemic preferences in learning modalities. Join us for a deep-dive into data regarding how students and staff prefer to engage with their education and where UNM stands nationwide.

Audience: Technical & User

### **The "Suite" Life of Project Management**

Devon Williams - IT Project Manager 3, UNM IT Applications

Explore the powerful project management capabilities within the Microsoft Suite. Delve into the diverse array of tools available, discover innovative templating strategies, and gain insights on optimizing your project management methodologies. Uncover the full potential of MS Suite for enhancing your project management practices and achieving greater efficiency in every phase of your projects.

Audience: User

### **The 3 Foundations of a Happy Hybrid Workforce**

Theresa Sherman - EOD Consultant, Kate Williams - Sr. EOD Consultant, UNM Employee and Organizational Development

For some workplaces, the hybrid workforce is here to stay. Flexibility, recruitment, and retention are all benefits of this new normal. But how do we effectively conduct business with team members in different locations or with different schedules? EOD will share three foundations to maintaining and managing hybrid teams.

Audience: Technical & User

### **The Evolution of Reporting and Data Analysis at UNM Online**

Maria Orona Morsey - Database Des & Analysis Mgr, Christina Powers - Data Manager, UNM Online

UNM Online has ever-evolving data needs and reporting responsibilities. Explore our departmental data journey; how we discovered what was no longer working for us, the changes we made and the solutions we found, and the tools that have aided us along the way. After realizing that we were outgrowing many of our current reports and data processes, we began the search for realistic solutions for our team. Using the suite of tools available to us, UNM Online was able to deploy numerous dashboards, reports, automations, and other solutions within a relatively short span of time. Topics covered include: Excel, Power Query, Power Automate, Power BI, and MyReports (WebFocus)

Audience: Technical & User

### **TracCloud and You: Enhancing Data Management in Education**

Anjali Dvorak - Assistant Coordinator for Data Management, Modi Jamus - Data Team Office Assistant, Tristian Ruiz - Data Team Office Assistant, UNM Center for Teaching and Learning

TracCloud streamlines the crucial process of managing student data through a centralized platform where educators can track student interactions seamlessly. Multiple modes of data input, including quick visits and batch visits, allow handling large and reoccurring student engagements with ease. Search functions enable users to make edits and find errors easily by searching student interactions by name, ID number, or email.

Audience: Technical & User

### **Unleash Collaboration, Workflows, and Your Potential with Smartsheet**

Deena Duran - Sr. Business Analyst, Jillian Chavez - Smartsheet Program Specialist, Health Sciences Finance & Administration

Dive into Smartsheet, a dynamic robust work platform that is empowering organizations and teams to dynamically plan, execute, and report on work to move faster, drive innovation, and achieve more. In this session, we'll provide aspiring, new, beginning, and intermediate Smartsheet users will enjoy a brief introduction to Smartsheet with its main components and features, a solution demonstration, a review of upcoming features, and a referral to resources to get started.

Audience: User

### **Unleash the Full Potential of Artificial Intelligence and Generative AI with Dell**

Christine Trujillo - Account Executive and Brian Shimkus - Solutions Specialist, Dell Technologies

Understanding the potential of Generative AI is simple. Turning that understanding into reality can be challenging. While everyone is excited about AI for regular use, adapting it for the Enterprise requires careful planning. Discover how to strategically and seamlessly integrate data into your AI processes.

Audience: Technical & User

## **Unlocking Collaboration: The Power of Confluence**

Jim Dryden - Services Specialist, UNM Information Technologies

Confluence is a collaboration tool that allows teams to create, share, and collaborate on projects, documents, and ideas in one centralized platform. Developed by Atlassian, Confluence aims to streamline communication and enhance productivity within teams. The platform has grown into a full-service cloud resource used by over a dozen UNM departments and groups containing hundreds of users. Come listen how Confluence can be utilized by your team to create, collaborate, organize and share your work.

Audience: User

## **UNM NanoFab- an insight into our Research and Capabilities**

Maya Narayanan Kutty - UNM NanoFab Manager CHTM, Center of High technology Materials (CHTM)/ECE

Introduction to the UNM NanoFab facility, and an overview of current and future semiconductor research carried on at this facility.

Audience: Technical & User

## **Using Learning Analytics to Evaluate English as a Second Language Teaching**

R.G. Wakeland - Educational Assessment, Independent Researcher  
UNM Law Student

Learning analytics, a quantitative method, crunches anonymous public data about students and classes. As an educational assessment tool, it can be applied in any subject to the microcosm of specific courses as well as macrocosms of institutional initiatives and goals. The literature review launches in 1961. Credit and non-credit ESL courses at a California community college (2012-2017) are compared by implementing this method. Conclusions showed gender equities, as well as teacher-student ratio differences, among other traits tabulated.

Audience: Technical & User

## Using the IPEDS Data Center for Benchmarking and Longitudinal Data

Heather Mechler - Director, Office of Institutional Analytics

Have you ever wondered how UNM compares to other institutions nationwide? Are you curious about our long-term progress? This hands-on, BYOD session will open your eyes to the wonders of the IPEDS Data Center. Learn how to create peer groups, pull in specific data on these institutions, and leverage it for your assessment or grant proposal writing needs!

Audience: Technical & User

## Visual Best Practices & Data Storytelling with Tableau

Trevor Bowes - Manager of Tableau Healthcare Analytics, Jennifer Reinink - Business Intelligence Analyst, UNMMG Clinical Practice Excellence

Learn how to create dashboards, reports, and presentations that are visually appealing, user-friendly, and informative using data visualization best practices and user-centric design. This session will utilize Tableau, but these principles apply to any reporting tool. Attendees of all experience levels will learn how to most effectively present their data stories to deliver clear, actionable insights.

Audience: Technical & User

## Visualize Your Process: Diagramming Business Process Flows and Requirements With Microsoft VISIO® for Efficient Software Development

Jo Kinnard, Ph.D. - Senior Business Analyst, UNM IT Applications

What are the steps in your business process? What are the pieces you want to address with software? Equip yourself to accurately state your requirements through visualization. Learn how to identify your flows and use cases, and then diagram them using tools such as Microsoft Visio to highlight the key roles, user actions, system interactions, decision forks, and data elements in your business scenario(s). With this understanding you can fully partner with IT to find the right software solution.

Audience: User

## WiFi Fundamentals and Wireless Access Points

Halie Owings - Network Analyst 2, UNM IT Networks - Wireless

See where Aruba 600 series wireless access points will be implemented in the near future at UNM and gain an understanding of the core aspects of Wi-Fi technology. Designed to cater to a broad audience, both beginners seeking a solid introduction or seasoned professionals looking to refresh their knowledge will benefit.

Audience: Technical & User



# **Career Readiness for Students At Tech Days**



**Open to all students, any career stage**



## **Crush the Interview!**

Autumn Collins - Director, UNM Career Services, Josh Rivera - Principal Consultant, RESPEC, and Justin Muskopf - Career Development Team, RESPEC

Get hands-on interviewing practice with pros who know! The UNM Career Services team has partnered with RESPEC to help you practice your interview responses and secure your next professional gig. This workshop will include a 15 minute overview of interviewing tips followed by group style mock interviews designed to support a developmental approach to excelling in an interview.

Audience: Technical & User

## **Navigating the Tech Terrain: Career Insights from Industry Leaders**

Josh Rivera - Software Developer, Respec, Kevin Bryant - Adobe, Christian Slough - Operations Management, Build with Robots, Elizabeth Morris - Data Scientist, Sandía National Labs, and Eric Scott Adams - UX/UI Software, Rubber Ducks NM

Seasoned professionals from various tech and computer sciences industries will share their unique career journeys, insights into the dynamic world of computer science and engineering, and offer valuable advice to aspiring students. Whether you're interested in software development, data science, hardware engineering, or any other field within the tech realm, these experts will give you invaluable insights on how to navigate your own career.

Audience: Technical & User

## **Prepare to Land your Dream Job with a Compelling Career Brand**

Kevin Bryant - Senior Customer Success Manager and Donna Caldwell - Principal Solutions Consultant, Adobe

Adobe will show you how to Brand yourself and level up your interview presence! We will discuss optimizing your LinkedIn profile, how to create an Adobe Express Portfolio, and the changing landscape of the interview process. No experience with Adobe is necessary!

Audience: User