New Mexico

NMTIE

Technology In Education

2015 Conference

November 18-20, 2015

Welcome to NMTIE 2015!

Badge:
Please make sure to wear your attendee/exhibitor badge at all times. This will assure admittance into all NMTIE events.

Internet:
Wireless internet access is available. For information please visit the NMTIE Registration Desk.

Vendor Tour Stamp Card
Make sure to get your vendor tour stamp card punched to be entered in the give-a-ways at the conclusion of the NMTIE conference on November 20th at 12:15pm in the Exhibit Hall. Your vendor tour stamp card will be given to you at the NMTIE registration desk upon check-in. When your vendor tour stamp card is complete, simply drop it off at the designated table next to the NMTIE registration desk (Hallway outside Exhibit Hall)

Presenters:
If you are presenting please make sure to pick up your presentation packet at the NMTIE Registration desk (North Atrium). This packet provides speaker ribbons and evaluation surveys. Designate one person from your presentation to collect your evaluations and return them on or before Friday, November 20th at 12:15pm to the NMTIE Registration desk (North Atrium).

Evaluations:
NMTIE would like your feedback. Please complete the evaluations handed out at each session. These evaluations provide NMTIE and the presenter's feedback. These evaluations are also used to elect the NMTIE Best Presentation Award. This award is given at the closing session of the conference on Friday, November 20th at 11:15pm (Exhibit Hall).

Workshops:
NMTIE has a wide variety of workshops offered throughout the conference. Each presentation will hold between 30-40 attendees. Please arrive with enough time to find a seat. If the workshop if full please have a second choice readily available. Each workshop is notated with a symbol to organize them according to their topics. Below are the symbols that you will see throughout the agenda. You can use these symbols to help you chose which workshop to attend. Enjoy your workshop!

Academic Technology/Support	Banner	Vendor Partnership	Network/Security

Questions: If you need any assistance throughout the conference please visit the NMTIE Registration desk (North Atrium).

Wednesday, November 18, 2015

11:00am – 5:00pm
NMTIE Registration *(North Atrium)*

1:00pm – 4:00pm
Exhibitor Set-up

12:00pm - 4:00pm
Workshops

12:00pm – 4:00pm – Lunch provided
Location: Franciscan Room

Join us to:
- familiarize information technology professionals with infrastructural needs of campus researchers
- showcase infrastructure approaches that have successfully scaled to meet research needs
- enable campus IT professionals to better engage with researchers
- There will be four segments to the session:

  - California's Research and Education Network
    Presented by: Dave Reese, Vice President, Corporation for Education Network Initiatives in California (CENIC)

  - Open Science Grid: Resources beyond your campus
    Presented by: Robert Gardner, Senior Fellow, Open Science Grid

  - ESnet: Services for and beyond the Network
    Presented by: Brooklin Gore, Group Lead: Infrastructure, Identity & Collaboration, Energy Sciences Network

  - New Mexico's Research Network Journey
    Presented by: Steve Perry, Network Director, University of New Mexico and Piyasat Nilkaew, Network Director, New Mexico State University

*The term cyberinfrastructure is used to describe research environments that support advanced data acquisition, data storage, data management, data integration, data mining, data visualization and other computing and information processing services distributed over the Internet beyond the scope of a single institution. The intent of cyberinfrastructure is to enable new multidisciplinary research opportunities in all science and engineering fields by leveraging ongoing investments and using common approaches and components.

1:00pm - 4:00pm

Statewide Broadband Initiative – Opportunities for Your School
Presented by: NMSTE
Location: Weavers

On October 15, Governor Susana Martinez announced plans to bring high-speed Internet access to every New Mexico classroom by the 2018 school year. By leveraging $49 million in appropriated state funds over the next few years, DoIT, PED, PSFA and Education SuperHighway, a national nonprofit, will team up with local districts to improve infrastructure and bring high-speed Internet to every student in New Mexico. Learn how you can take advantage of new state and federal funding to maximize your infrastructure for learning.

1:30pm – 4:30pm

Microsoft in Education Roadmap
Presented by: Tammara Edgin, Microsoft & Eric Desbois, Microsoft
Location: Potters

Microsoft is thrilled to share with our New Mexico Customers an overview of our latest and greatest solutions. Focusing on Microsoft's transformation to the cloud, we will share overviews on Azure and Office 365 with a demo and deployment strategy discussion on Widows 10.

4:15pm – 6:15pm
NMTIE Social

Network with NMTIE attendees and vendors
Location: Exhibit Hall - Hors'doeuvres and a cash beverage station will be available

Enjoy the rest of your evening!

7:30am – 4:00pm
NMTIE Registration (North Atrium)

7:30am – 9:00am
Continental Breakfast (East/South Atrium)

8:00am – 5:00pm
Exhibit Hall Open (Ballrooms)

NMTIE Welcome
Location: Franciscan

8:20am - 8:30am:	**Welcome** Ann Thompson, *NMTIE President*
8:30am – 9:15am:	**Keynote Speaker** Kevin Thompson, National Science Foundation *Program Director in NSF's Advanced Network Infrastructure and Research* *(ANIR) division of CISE. He is responsible for the NSF Middleware* *Initiative program and the Experimental Infrastructure Networks program*
9:20am - 9:30am:	**Conference Announcements** Bob Tacker, *NMTIE Executive Director*

Workshops
9:45am – 10:30am

Academic Support/Technology

Using Google Forms for Assessments, Surveys, and Tracking Data
Presented by: David Finzimer, Santa Fe Public Schools
Location: Fireplace

In this session participants will explore various ways to utilize Google Forms in the K-12 environment. Participants will experience different types of assessments and surveys while also learning how to design and implement their own. Participants will analyze data collected from Forms and discuss strategies for application both directly with students and as a professional tool for educators.

Banner

Preparing your Banner by Ellucian system for the power of Ellucian XE

Presented by: Banner Consortium and Ellucian

Location: Potters

The modernization of Banner has accelerated and new modules and enhancements are rolling out by the quarter. How should you prepared? What hardware and software do you need? What skill sets will be required? How are customizations handled in the new software? Join us to learn the answers to these questions and more and get ready for the power of Ellucian XE.

Vendor Partnership

Is your Security Solution up to the Challenge?

Presented by: Mark Goldenburg, CenturyLink

Location: Weavers

Provide an overview of the threats that Distributed Denial of Service (DDoS) and other network attacks present, with a focus on the impact to Education institutions. Review the threat factors that are at the root of these attacks and cover what an organization can do to reduce exposure and mitigate against an attack.

Vendor Partnership

Building a School in the 21st Century

Presented by: Advanced Network Management

Location: Turquoise

The K-12 learning environment is not the same as it once was and is rapidly changing. The infusion of technology in the classroom requires more today than in years past. IT Infrastructure must be able to accommodate current and future requirements. Join us for a discussion on best practices of key technology concepts in broadband connectivity, networking, wireless, data center, classroom collaboration technology, and safety & security.

Academic Support/Technology

Tradition + Technology = The Perfect Recipe for Flipping Your Classroom

Presented by: John Choins, Midway Middle School/Midway ISD

Location: Fireplace

Two years ago our district started a 1:1 iPad initiative using Edmodo as our Learning Management System. Last year I decided to flip my 8th grade math and algebra classes, and I was amazed at the positive results. During this session I will show you exactly how I design my flipped classroom from video recording to getting the videos to students to creating engaging learning activities that let students experience the math they are learning. Participants will leave this session with everything they need to know to start flipping their own classes. Even though my experience is in flipping math classes, I will also share information about how flipping can be done with classes in other subjects.

Banner

Ellucian Identity Service

Presented by: NM Banner Consortium and Ellucian

Location: Potters

Introduce the strategy behind the development of Ellucian Identity Service and will cover where and when this service is the right fit for your institution. Attendees will learn how this service can reduce complexity and total cost of ownership across all Ellucian products, as well as how it may be used to provide single-sign on (SSO) and federated identity. We will review roadmaps for 2015 and additional support for SAML 2.0 and federated identity. Introduce the strategy behind the development of Ellucian Identity Service and will cover where and when this service is the right fit for your institution. Attendees will learn how this service can reduce complexity and total cost of ownership across all Ellucian products, as well as how it may be used to provide single-sign on (SSO) and federated identity. We will review roadmaps for 2015 and additional support for SAML 2.0 and federated identity.

Vendor Partnerships

Adobe Creative Cloud Overview

Presented by: Scott Trudeau, Adobe, Inc.

Location: Weavers

This session will go over the incredible tools that are now available as part of the Adobe Creative Cloud. Learn which apps can be used to edit video, create websites, build interactive eBooks, and design mobile apps. Also see the new features that will make editing images and video super easy using Adobe Photoshop and our Photoshop touch apps.

Academic Support/Technology

Highlights from the 1st Annual New Mexico DLA Conference
Presented by: Julia Parra, NM State University and Krista Kozel McDonald, Dona Ana Community College and Rebecca Adams, University of NM
Location: Franciscan

New Mexico DLA is a state chapter of the United States Distance Learning Association (USDLA) and is the first organization in New Mexico focusing on distance and online learning for individuals, as well as all schools, businesses, government entities, the military, and any group that conducts education or training online or in a blended environment. On May 20, 2015, we held our 1st Annual New Mexico DLA Conference and invited institutions from around the state to share what's new in New Mexico in the areas of distance, online and blended learning. Our first conference was 100% online and 100% free. For this presentation, we will share highlights from the conference including issues and resources related to Quality Matters, assessment and evaluation, professional development and much more!

Vendor Partnerships

Stoneware Unified Workspace Software
Presented by: Nathan Byrd, Lenovo and Cliff Phelps, Education Technologies, Inc.
Location: Turquoise

Overview of Lenovo's Software education solution

- Lenovo Unified Workspace: a simplified workspace providing SSO access to all applications and files from any device
- Lenovo LanSchool: simple reliable classroom management software

11:30 am – 12:20 pm & 12:20 pm – 1:10 pm

***TWO* tier lunch times**
(please check the agenda to assure you don't miss a session)

Lunch in Exhibit Hall
(A buffet lunch will be provided in the East/South Atrium)
Seating is provided in the Exhibit Hall

 Academic Support/Technology

Bring Your Own Device (BYOD): Using EdReady for Personalized Learning
Presented by: Vanessa Barela, IDEAL-NM & Nicholas Nija, IDEAL-NM
Location: Fireplace (*don't forget to bring a device to the session*)

Attendees will be shown how to access EdReady and have goals for their school to create personalized pathways in mathematics for student competency in curriculum. Attendees will have student accounts created for the demonstration and will be given access to a teacher account to use for their school. EdReady's newest addition, Developmental English will be previewed for possible addition in Summer of 2016.

 Academic Support/Technology

Expanding Canvas with LTI
Presented by: Samuel Bachert, San Juan College
Location: Potters

LTI or Learning Tools Interoperability is a specification that allows third party vendors to integrate rich learning applications with your Learning Management System (LMS). Come learn the basics of how it works, where to find apps for your LMS, share which apps San Juan has installed, what we have learned, and provide an opportunity for others to share their favorites.

General IT

How to Develop a Successful IT Student Employee Training Program
Presented by: Cameron Goble, University of NM
Location: Franciscan

UNM HR developed a training program with IT that bolsters student employees' success in higher education. We believe this training program enhanced their value as workforce assets as well as their own academic achievements. This presentation shows our process as we:
- defined the problems facing departments with student employees
- questioned assumptions about what was possible
- pivoted the vision of a training model
- developed viable training prototypes with minimum effort.

Student employees pay a critical role in the effective functions of IT departments on college campuses. More than simply cheap, temporary labor, student employees can be key to a department's improved customer experience and departmental service delivery. Our training program inspired great benefits for our students and UNM itself by providing high quality developmental support to our students' work environment.

 Vendor Partnerships

Improving Educational Institution Effectiveness Through Data
Presented by: Yousuf Khan, Pure Storage
Location: Weavers

Education leaders lack the ability to harness data for strategic decision-making. Attend this session to find out more about the underlying technologies that enable educational institutions to fully leverage data to improve effectiveness.

 Vendor Partnerships

Build a 10G Backbone Using Category 1 E-rate Funds
Presented by: Kareem Edwards, ITConnect, Inc. & Brian Hardy, ITConnect, Inc.
Location: Turquoise

Enjoy speeds up to 25 times faster between schools sites, improved QOS for applications and a user friendly network management tool all for a fraction of what you are paying now. Join ITConnect as they share how to build a 10G backbone for your district using Category 1 E-rate funds.

Workshop
12:25 pm – 1:20 pm

 Academic Support/Technology

Video in Schools; Creating content for today's digital world
Presented by: Mark Carrara, Biehl Charter High School & Amy Biehl Charter High School
Location: Fireplace

Today's digital natives, as well as the rest of us, consume video content more now than ever in the past. Some will even tell you that brains have been 'rewired' so that they learn better from video than text or audio. Schools are filled with these digital natives and their rewired brains, at the same time the barriers to entry into video creation have mostly fallen away.   In this session we will look at the uses and creation of video from three perspectives, administration, teachers and students. We will also look at today's tools that put high quality video production into just about everyone's hands. We will wrap up with an overview of options for hosting and distributing completed video projects.

Banner

XE Technical Q&A Session
Presented by: NM Banner Consortium and Ellucian
Location: Potters

Come with your technical questions and speak with an Ellucian XE expert who can help answer what you have been wondering. Hear what others have been wondering and benefit from their questions and the answers they receive.

Vendor Partnerships

Technologies to transform the classroom
Presented by: Darrell Black, Intel Corporation – in partnership with HP
Location: Weavers

Are you ready for a "no passwords" environment that is more secure?   What about wireless docking and charging?   How about 3D capture and print? Then this is the session for you!   Come listen to new technologies either out now or available soon that could transform the classroom.

Vendor Partnerships

Shoretel Addresses top Concerns of Funding and Security
Presented by: Ed Bowen, ShoreTel and Danielle Flinn, ShoreTel
Location: Franciscan

ShoreTel delivers Unified Communications Applications which focus on the Top Concerns from Educators. ShoreTel's lowest Total Cost of Ownership address's funding issues, while our Emergency Notification applications will help insure a Secure environment.

Vendor Partnerships

Network protections for schools and campuses
Presented by: Kent Shuart, Dell - in partnership with Ardham Technologies
Location: Turquoise

This talk will explain how breaches occur and provide simple ways for protection. We will dissect the malware cycle to show how easy it is for anyone to breach an inadequately protected network. Breaking the malware cycle will highlight the protection strategies necessary to protect the network.

Workshops
1:30 pm – 2:15 pm

Academic Support/Technology

TPACK and SAMR: Frameworks for Using Technology in the Classroom
Presented by: Amy Jaramillo, IDEAL-NM
Location: Fireplace

Today's digital natives, as well as the rest of us, consume video content more now than ever in the past. Some will even tell you that brains have been 'rewired' so that they learn better from video than text or audio. Schools are filled with these digital natives and their rewired brains, at the same time the barriers to entry into video creation have mostly fallen away.   In this session we will look at the uses and creation of video from three perspectives, administration, teachers and students. We will also look at today's tools that put high quality video production into just about everyone's hands. We will wrap up with an overview of options for hosting and distributing completed video projects.

Banner

Address Verification for Ellucian Internet Native Banner
Presented by: Kenneth R. Litherland, NM Highlands University
Location: Potters

This session describes how to use a trigger in Ellucian INB to verify and convert inputted addresses to USPS format without breaking baseline. New Mexico Highlands University found that today's students often input information using informal texting style. To reduce the amount of returned mail due to incorrect addressing IT devised this system tapping into the USPS database.

Vendor Partnerships/ Academic Support/Technology

Creating Future Workforces

Presented by: Robin Kennedy, CB Technologies & Dennis Harper, Generation Yes

Location: Weavers

Are you preparing your students for the future IT workforce in the state of New Mexico or beyond? Is time and cost a factor for your IT department? CBT and GenYes provide solutions for technology support, professional development and PARCC readiness. Come hear the success story from students and their journey through the GenYes program to college and the workplace. Presenters will provide examples of the various types of student support to better equip the technology leaders of tomorrow!

Academic Support/Technology

The Road to Mobility a virtual journey with Desktop Virtualization

Presented by: Bill Halverson, Central NM University & Kevan Hobbs, Central NM University and Pure Storage

Location: Franciscan

How does Desktop Virtualization fit in education? CNM's move will allow it's computing spaces to reach far beyond the classroom; be more collaborative for students and extend the software and desktop to any device, anywhere an be available anytime. All while being able to ease some of IT's workload and be more responsive to student and faculty requests.   This virtual tour will take the audience from pilot to production outlining the challenges and success. CNM will talk to the failures most have had along the journey and how CNM was able to avoid them. The presentation will include Vendor participation and outline the infrastructure design and successes along the virtual journey.

Vendor Partnerships

1:1 Implementations: What are the key technology challenges today and what do we have to face going forward? A Local and National perspective

Presented by: Riverside Technologies

Location: Turquoise

Is your institution or district considering a 1:1 program?   If so, is your IT environment ready? What did other schools in New Mexico do with 1:1's this past year and what were some of the key challenges and success's? Please come join our collaborative discussion to learn more about what some schools are doing in New Mexico as well as some progress reports from some of the schools who participated in this discussion last year. We will share examples of institutions and districts who are either "new" or "seasoned" in regards to 1:1 programs. Best practices and relevant considerations around devices, wireless infrastructure, network management, storage considerations and managed services will be key topics in this presentation.

2:20 pm – 3:05 pm

Refreshment Break/Network with NMTIE Exhibitors

Grab some refreshments and visit the NMTIE exhibitors.
This is a great opportunity to get your vendor tour stamp card punched.

Refreshments served in East/South Atrium

Workshops
3:10 pm – 3:55 pm

Academic Support/Technology

Integrating High School Students in Management of the Challenges of the One-To-One Computer Environment
Presented by: Ford Davis, nex+Gen Academy
Location: Fireplace

Setting up, managing and supporting an entire fleet of computer devices for a One-To-One Program is a challenge for any school. There are great opportunities to include students in meaningful ways in this process and give them hands-on learning and mentorship opportunities. Topics covered are hardware/platform choices, supportive hardware choices, software choice, service models and student/staff support systems. Also, a special focus will be put on the integration of these challenges into student participation and mentoring as well as community involvement opportunities.   The session will use an existing wiki to share detailed information about the program as well other participating programs.

Network/Security

UNM's Research Network
Presented by: Gil Gonzales, University of NM & Steve Perry, University of NM
Location: Potters

NSF awarded UNM a Campus Cyberinfrastructure – Infrastructure, Innovation and Engineering Program (CC*IIE) in 2014 to design and implement the first phases of a campus network intended to provide low latency and lossless connections for faculty and researchers that require high speed connections between compute and storage services on campus. The presentation will detail the project approach and underlying technical environment that UNM Information Technologies delivered to the campus community.

Academic Support/Technology

Key to the Quality Highway: Course Mapping

Facilitated by: Susie Bussmann, NM State University & Sandy Johnson, NM State University

Location: Franciscan

In the "Key to the Quality Highway: Course Mapping" session, the presenters will share how course mapping is being used in faculty professional development as a key strategy in the planning phase of course development. The presentation will clarify their definition of course mapping, explain how it is being integrated into faculty professional development, describe how faculty are using course mapping, share course mapping examples, provide a QM-aligned course mapping template, and address the benefits and challenges of course mapping. Additional data about course mapping collected via an informal survey will be shared.

Vendor Partnerships

Mobile Computing 101

Presented by: Jerry Smith, Spectrum Industries

Location: Turquoise

A presentation on the do and don'ts of setting up a mobile computing program in your school.

Vendor Partnerships

Making the Leap to Digital Learning: Is Your District SEND Ready?

Presented by: Presidio

Location: Weavers

Districts today are quickly moving towards transformational digital learning. What is the impact these changes will have on your network infrastructure? Join Presidio as we discuss CoSN's smart Education Networks by Design initiative and how its strategies can ensure classroom learning is not interrupted by network issues in these rapidly changing times.

Academic Support/Technology

Using an Internet tool to Create Math Instruction Aligned with CCSS and PARCC
Presented by: Wes Clarkson, Carlsbad High School
Location: Fireplace

EdCite.com provides a collaborative forum within which teachers can design quality tasks that drive students to think and communicate clearly as they solve complex problems. During this session we will examine the tools that this website freely makes available to teachers for inclusion in their lesson plans. These tools can be used to create bell-ringer activities in the classroom, short quizzes for use in the computer lab, or cooperative learning activities based on Kagan structures.

Vendor Partnerships

Cool Tools are Fun, But Learning Comes First!
Presented by: CDW-G
Location: Weavers

Educators and technologists have been making the case for the transformative power of technology in teaching and learning for decades. However, despite the rhetoric and increasing efforts to integrate technology into the classroom, in many cases the results are insignificant and are not yielding the return on education that districts are hoping for. This is at least partly due to our over-emphasis on the 'latest and greatest' EdTech tools and neglect of the true educational
value of those tools.
This session will explore the affordances of technology which open the doors to transformative 21st century learning. Attendees will discover methods for using pedagogy as the driving force to selecting the appropriate tools for technology integration and overcome the trap of putting the cart before the horse with education technology.

Vendor Partnerships

Software Driven Network Science
Presented by: Pete Moyer, Brocade – in Partnership with Aquila/Aruba Networks/FireEye
Location: Turquoise

This talk focuses on how Software Defined Networking (SDN) controller-based approaches add innovative & programmatic capabilities to the realm of Network Science. Network Science pertains to the ability to gain valuable & real-time visibility from the network & how this insight can be leveraged for security, operational & optimization use cases.

Workshops
4:05 pm – 5:05 pm

Banner

Using the XE Technology Stack to Improve Financial Aid Processes

Presented by: Stirling Crow, University of NM & Vamshi Supernasa, University of NM

Location: Potters

The technology stack used for Banner XE applications is powerful and ready to be harnessed by all of us. Stirling Crow, the Financial Aid Technical Lead at the University of New Mexico, created two custom GRAILS applications this past year to resolve issues that the Fin Aid officers were having: 1) MPN Link Updater Application: Fin Aid officers needed the ability to manually link MPNs (master promissory notes) to direct loans but functionality within Banner would not be provided until a future date. Ellucian provided an unofficial SQL update statement to allow the linking, but this required that a technical resource run the statement via SQL. This application gave the Fin Aid officers the ability to link an MPN without technical assistance. 2) FISAP Work Study Reconciliation Application: The University of New Mexico has a Fiscal Year that does not coincide with the Financial Aid year. Reconciliation between the different types of years has to occur in order to appropriately provide accurate work study numbers for the annual FISAP report. This application analyzes finance data (NHRDIST and FGBTRND), payroll data (PHR% tables), financial aid data (RPRAWRD), and FISAP data (ROTFSAP) thereby allowing the tech lead and the work study manager to resolve discrepancies to ensure that the FISAP reporting is correct.   Building applications with Grails is fun, fast, and effective once you get started. Please join Stirling Crow as he discusses the need for the above applications, the process for how he built them, and the hurdles of deployment at his university.

Academic Support/Technology

Refreshing the ISTE Standards for Students

Presented by: Jill Brown, NMSTE-ISTE-Albuquerque Academy

Location: Franciscan

Discuss the current ISTE Standards for Students and provide feedback to ISTE as they refresh the standards. The updated standards will be released at ISTE 2016 in Denver, Colorado. Your participation is essential, and your voice will help shape the future of learning!   Because the world is changing, so are the ISTE Standards. Please bring your laptop or mobile device to provide your feedback to ISTE online during the session!

NMTIE Reception in Casa Esencia
(located outside the hotel on the southwest corner)
6:00 pm- 7:30 pm

Join NMTIE for hors'doeuvres - cash beverage station available

Enjoy the rest of your evening!

Friday, November 20, 2015

7:45am – 9:30am
NMTIE Registration (North Atrium)

7:45am – 9:30am
Continental Breakfast (East/South Atrium)

8:00am – 12:00pm
Exhibit Hall Open (Ballrooms)

Workshop
8:15 am – 9:15 am

Network/Security

Data Governance De-Constructed
Presented by: Steve Stockdale, University of NM
Location: Potters

Few institutional governance topics have garnered more attention and verbiage in the past two years as that of data (or information) governance. Thanks partly to the promotion of terms such as big data and eScience, more organizations – including academic institutions – are embracing the mantra that data are their second-most valuable asset (after people, of course). This suggests that beyond protection and security, data should be managed not as mere commodity but as a strategic asset. Data governance, then, is really about managing the behaviors of people, not bits. How can you derive an ROI – a Return On Information – that provides true strategic value to your institution? This presentation will stake out the broad landscape of considerations that encompass data governance, then focus on its key elements. Participants will take away a basic framework and approach for defining their own data governance initiatives.

Workshops
8:30 am - 9:10 am

Academic Support/Technology

From within Google Classroom: Our Favorite Add-Ons to Drive, Docs, Sheets and Forms
Presented *by: Nevada Benton, Mandela International Magnet School & MIMSTE Student Group*
(Mandela International School Technology in Education Group)
Location: Fireplace

Mandela International Magnet School students report on their favorite add-ons from within the Google Classroom interface. Reviewed add-ons will include Easy Accents, Kaizena Mini, EasyBib and Flubaroo. Participants will hear the pros and cons of each, and be able to try them out with support from our team.

 Network/Security

DAS (Distributed Antenna Systems) 101 Updates
Presented by: Mark Reynolds, University of NM
Location: Weavers

This presentation will cover the challenges and opportunities with Cellular, WiFi and the integration with both technologies, as students, staff and faculty expect capacity and ubiquitous coverage.   This is a follow up from last year's NMTIE presentation with updates.

 Banner

Banner Common Matching: Safely Importing Test Scores and Other Feeds Without SSN
Presented by: Linda Johansen, University of NM & Mary Berrens, University of NM & Marc Gonzales, University of NM
Location: Franciscan

Increasingly, automated test score and other files are removing SSN as an identifier, making it much more difficult to determine if that person is already in Banner. As a result, more duplicate records are being created, and worse, more "bad matches" are being made by the Banner common matching import process mis-recognizing the new person as an existing person, and loading the new person's data onto an existing record. Untangling the comingled data is extremely difficult, and occasionally over-written data cannot be recovered. In this presentation we will review how the Banner common matching process works, and how UNM modified common matching rules to account for the loss of SSN in the updated ACT test score files. Our modified common matching rules have allowed us to maintain reasonable levels of accuracy without significant increases in suspense records. We will show what rules we modified and how we did the testing, and will make our modified rules available to any Banner school who would like them.

 Academic Support/Technology

Effective Principles & Key Concepts of Adult Learning Online
Presented by: Coleen Arviso, University of NM-Gallup and Jason Arviso, Navajo Technical University
Location: Turquoise

The presentation will discuss the various effective principles and key concepts of adult online learning for prospective adult instructors planning to teach in an online environment. Areas to explore will include Andragogy, adult learners, self-directed learning, online learning best practices and strategies.

Academic Support/Technology

Creepers, Skeletons, Zombie Pigmen! Oh, my!

Presented by: Celia Einhorn, Super Computing Challenge & Miguel Dorado,   South Valley Academy & Delancy Montoya, Arroyo del Oso ES

Location: Fireplace

6 – 11 Year Olds will show why Minecraft is more than just another video game. Boolean logic (AND/OR/ NOT etc)? Rich vocabulary? Community of learners? Problem solving? Perimeter, area, and volume? Collaboration, problem solving? Digital citizenship? History? Come learn from the experts from local elementary and mid schools.

Network/Security

ENMU-Ruidoso Center of Academic Excellence Initiative in Cybersecurity Education

Presented by: Stephen Miller, Easter NM University – Ruidoso

Location: Weavers

Provide an overview and demonstration of the National Security Agency and Department of Homeland Security cybersecurity education designations and the National Initiative in Cybersecurity Education (NICE) programs. The presentation will demonstrate how the programs work and how Eastern New Mexico University-Ruidoso became the only designated CAE-2Y community college in New Mexico and among less than 1% of CAE-2Y community colleges designated in the United States. Student successes and the certificate and degree programs will be highlighted in the presentation.

Banner

Developing a FERPA Proxy Web Form Using AngularJS and RESTful Web Services

Presented by: Richard Valdez, University of NM

Location: Franciscan

The University of New Mexico currently has a process in place that will allow students the opportunity to grant proxy access to their records in compliance with FERPA rules. It is currently a manual process requiring the printing of a PDF form which is filled out and turned in to the Enrollment Management office. This process is currently being automated using Banner XE technologies (Web 2.0, AngularJS, and RESTful APIs and web services).

Academic Support/Technology

MS Mix: Free Add-in to PowerPoint 2013 to create interactive online videos
Presented by: Lynn Lane, San Juan College
Location: Turquoise

Using your PowerPoint notes as a teleprompter, you can create videos with your voice narration, with "John Madden" annotations. These same notes can be imported for closed captioning. In addition, polls or quiz questions can be inserted anywhere in your recordings. The Mix ribbon also lets you record screencasts. When recording is complete, you publish to MIX where your productions are shared. Mix works with Office 365 or Office 2013.

Workshop
9:25 am – 10:20 am

Network/Security

Information Security and Privacy progress in New Mexico Education Institutions
Presented by: Jeff Gassaway, University of NM and Carlos Lobato, NM State University and Dan Lunceford, NM Tech
Location: Potters

This presentation will provide an overview of successful initiatives in information security and privacy in the presenting institutions. While the presenting institutions are all Higher Education, many of the approaches may be of value across the state, and for the entire education environment. The initiatives discussed will provide an overview of issues covering policies and procedures, as well as technologies, and approaches to improving these over time. Time is planned for questions, and discussion will be encouraged.

Academic Support/Technology

Consumer or Creator: Students as creators and makers in technology
Presented by: Molly Keyes, Montezuma Elementary School
Location: Fireplace Room

In elementary education, teachers often struggle with the use of technology in the classroom. Many times, it is easiest for technology to take on the role of an engagement device, something that enhances instruction but often does not enter the child's realm of work production. This presentation will discuss the theory of constructivism as it relates to technology in education and how teachers can begin to implement technology to increase student opportunities for creativity. In this presentation I will propose the idea that students can thrive as creators in technology, and begin to give teachers the motivation to make it happen in their classrooms.

Academic Support/Technology

The road to office 365 the real world and how best to clear the hurdle
Presented by: Bill Halverson, Central NM University & Kevan Hobbs, Central NM University & Cody Eding, Central NM University
Location: Weavers

A real world view and presentation of office 365 migration process and demostration. Why it was choose and primary goals of the project. All the custom process put into place for a successful stage migration. Lessons learned and next steps.

Network/Security

Firewalls at the University of New Mexico
Presented by: Chad VanPelt, University of NM
Location: Turquoise

This session will discuss how The University of New Mexico uses Palo Alto firewalls to protect its infrastructure. This will include the implementation of our datacenter, perimeter, and distribution firewalls. We will discuss how we route, apply security rule policies, apply intrusion prevention rules, high availability, and the visibility of traffic. We will talk a little about the separation of duties between UNM information Security and Network Security and the standard operating procedure we created to keep a cleaner firewall configuration.

General IT
What if your favorite restaurant acted like IT departments?
Presented by: Tammy Jo (TJ) Martinez, University of NM & Ryan Cooper, University of NM
Location: Potters

Service Delivery – what if your favorite restaurant behaved like IT departments? Their menu might look quite odd if they included all the components and/or products necessary to deliver a hot, tasty burger to your table. But we do it in IT. Using an example of a poor performing restaurant that runs itself out of business, this session will enlighten you on your journey to service management excellence by asking thought provoking questions to help better define IT services. The result is service delivery improvement. The University of New Mexico has launched a project to do just that – improve service delivery. And it starts at the basics and understanding the lifecycle of ITIL.

Banner

NM Enterprise Application Consortium Annual Meeting
Presented by: Duane Arruti, University of NM and Pam Jeffries, NM State University, and Ray Avila, Central NM University
Location: Franciscan

Participate in this discussion about the activities of the NM Enterprise Application Consortium as we plan for continued collaboration in 2016. Hot topics will include Banner training, Banner XE progress in the State, and opportunities to leverage our shared knowledge in the New Year.

***Workshops**
11:15 am – 12:00 pm

Academic Support/Technology

Differentiating Instruction through the Use of Apps
Presented by: Lisa Ehlers McCuller, Las Cruces Public Schools
Location: Fireplace

Teachers are required today to differentiate instruction for all students. This session will look at technology available to allow for differentiation. Google Apps and IOS Apps enable students to participate more effectively in Common Core Standards more readily with little training.

Academic Support/Technology

SUN PATH
Presented by: Dr. Carmen Gonzales, Santa Fe Community College & Kristen Krell, Santa Fe Community College & Carla Slentz, Santa Fe Community College and Dr. Stephen Miller, Easter NM University – Ruidoso
Location: Weavers

In this panel, presenters will share New Mexico's Skill Up Network (SUN), funded by the Department of Labor's Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant program. Santa Fe Community College serves as the lead institution for SUN Online, a consortium of New Mexico colleges. SUN Online is a consortium of New Mexico public colleges sharing quality online courses to ensure that students have access to a variety of courses, certificates, and degree programs. We are dedicated to excellence in online learning and professional development for faculty who teach online and committed to increasing access to quality online education for students across New Mexico.

Academic Support/Technology

NMSTE General Meeting – All members welcome: New Mexico Society for Technology in Education and ISTE Affiliate
Location: Turquoise

Join us if you are interested in learning about our organization and would like more information about how you can become a member.

12:15pm – 1:00pm
Location: Exhibit Hall

- **NMTIE Vendor Tour Give-a-ways**
- **NMTIE Best Presentation**
- **NMSTE Awards**
  - Outstanding Leader
  - Outstanding Teacher
  - Making IT Happen
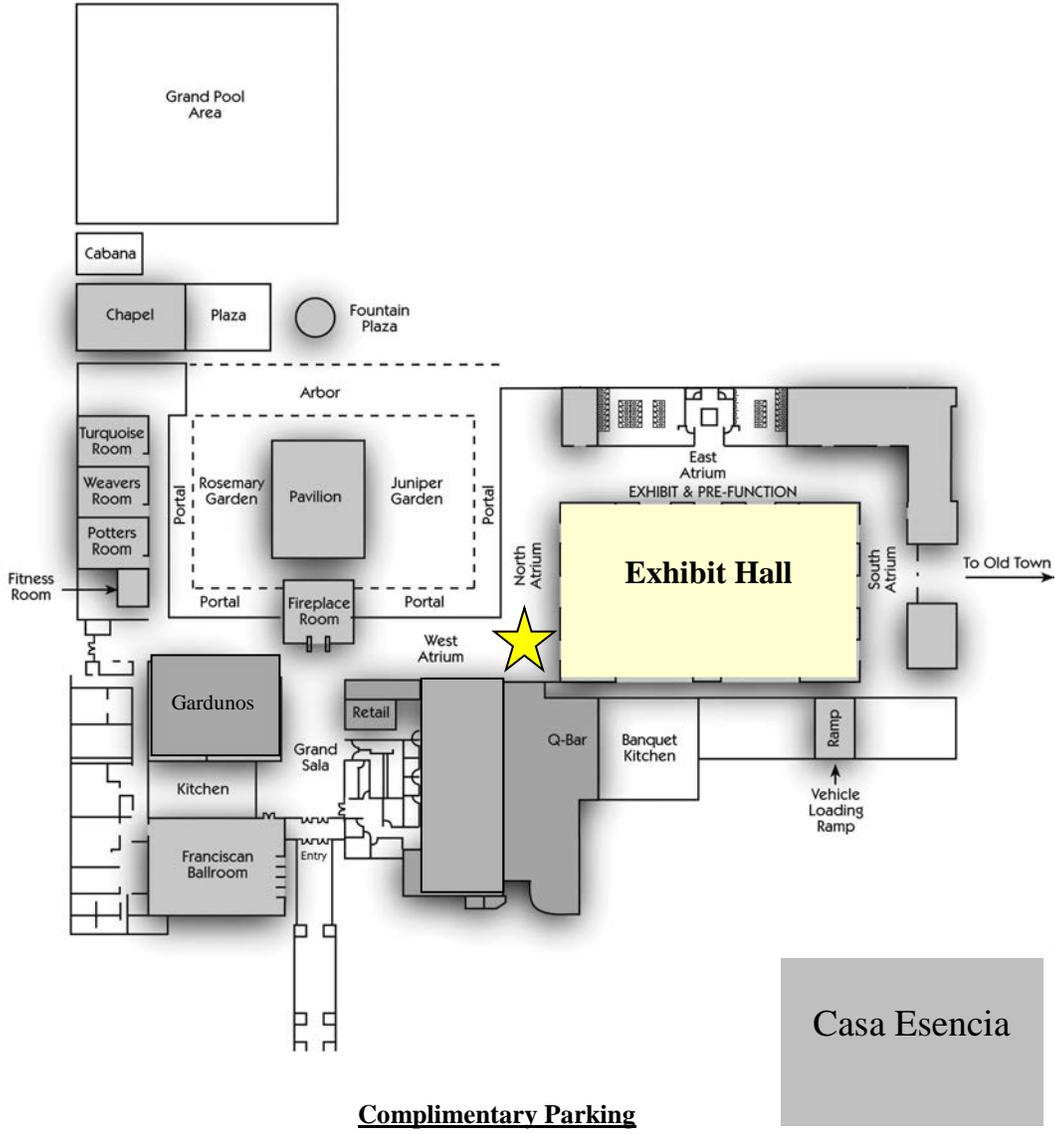 - Amy Phipps Excellence in Professional Development

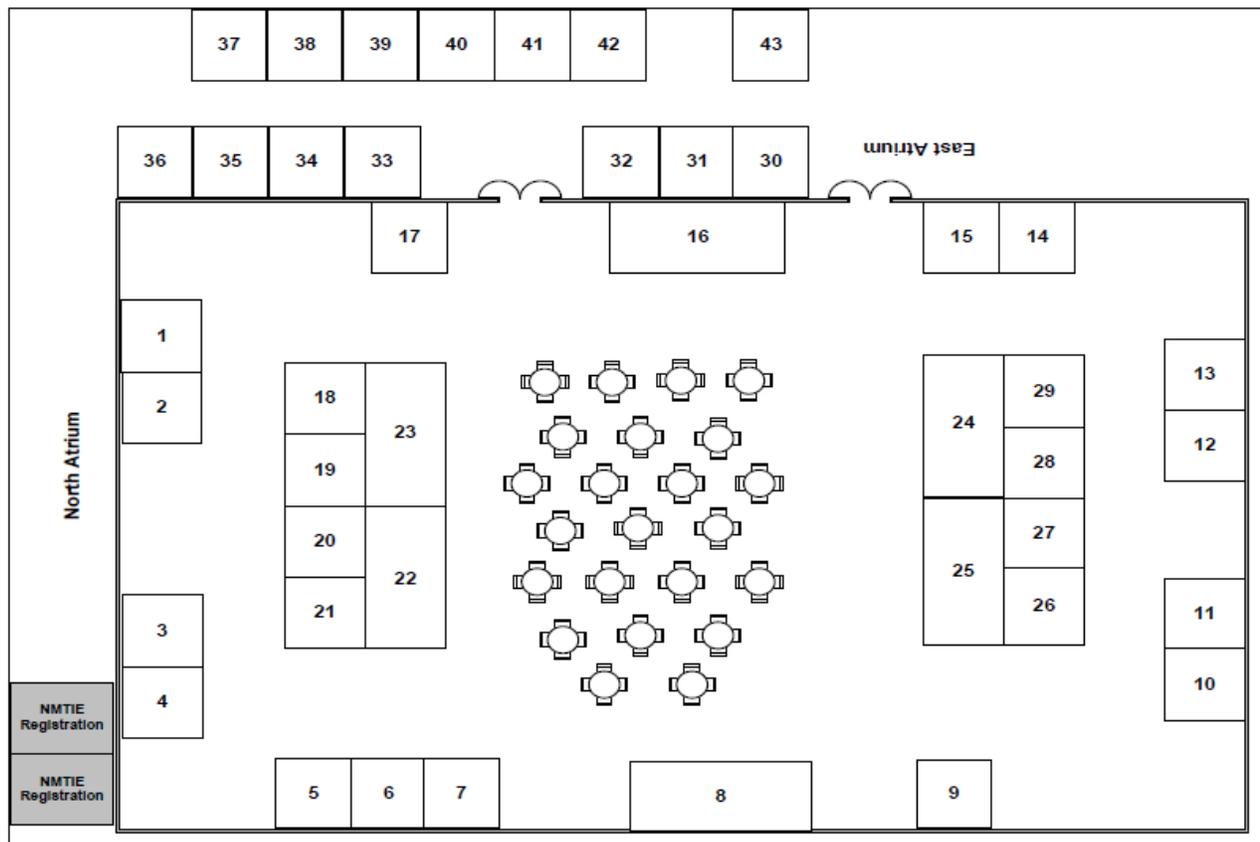**1:15pm - 2:15pm - CHECS ETC Board Meeting**
Location: Francisan

12:00 pm – 2:00 pm
Exhibitor Move Out
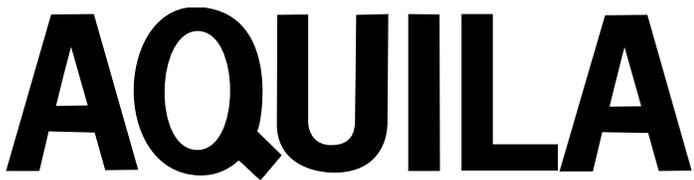
Hotel Albuquerque at Old Town Layout

Grand Pool Area

Cabana

Chapel | Plaza | Fountain Plaza

Arbor

Turquoise Room

Weavers Room

Potters Room

Portal | Rosemary Garden | Pavilion | Juniper Garden | Portal

Fitness Room

Portal | Fireplace Room | Portal

West Atrium

East Atrium
EXHIBIT & PRE-FUNCTION

North Atrium

Exhibit Hall

South Atrium

To Old Town

Gardunos

Retail

Grand Sala

Q-Bar | Banquet Kitchen

Ramp

Kitchen

Vehicle Loading Ramp

Franciscan Ballroom

Entry

Casa Esencia

Complimentary Parking

NMTIE Exhibitor Layout

1. CenturyLink	16. Education Technologies, Inc.
2. ShoreTel	17. Team 1st Technologies LLC
3. HP | Intel Corporation	18. Epson America
4. Riverside Technologies Inc.	19. Presidio
5. Strata Information Group	20. CDWG
6. Pure Storage	21. Aerohive Networks
7. Venture Technologies	22. Spectrum Industries, Inc.
8. Advanced Network Management	23. Ardham Technologies
9. EQC Technologies	24. ITConnect
10. Ruckus Wireless	25. Aquila | Aruba Networks
11. SHI International Corp and Veeam	Brocade | FireEye
12. DakTech Computers	26. Skyward
13. CB Technologies	27. Landesk
14. Ricoh USA Inc.	28. Shmoop
15. Lenovo | WinMagic	29. Enterprise Electrical Services, Inc.

30. Abba Technologies, Inc.
31. Infinite Campus, Inc.
32. Troxell Communications
33. Byte Speed
34. Adobe Systems
35. Twotrees Technologies
36. VLCM
37. Canvas
38. CamNet
39. VMware
40. Extreme Networks
41. Ellucian
42. Cisco Meraki
43. Technology Integration Group

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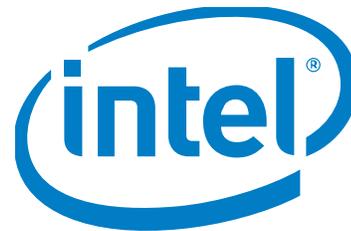
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Strata Information Group	**Team 1st Technologies LLC**
Technology Integration Group	**Troxell Communications**
Twotrees Technologies	**Venture Technologies**
VLCM	**VMware**

Thank you for attending!

<u>NOTES:</u>