New Mexico CTO Clinic™
Leading Digital Learning

Produced by CoSN and the New Mexico Society for Technology in Education (NMSTE) CoSN Council

Thursday, April 9, 2015 - Friday, April 10, 2015

Las Cruces Public School's Arrowhead Park Early College High School
3600 Arrowhead Drive
Las Cruces, NM 88011
Room Map

Wifi Information

Network: LCPS-Guest
Username: echs
Password: nmsu1234
Welcome!

The New Mexico Society for Technology in Education (NMSTE) CoSN Council welcomes you to our first New Mexico CTO Clinic™, co-sponsored by CoSN (Consortium for School Networking).

This clinic and the time you will spend with your peers will help you develop your capacity to lead technology initiatives with long-term, big-picture perspectives. You will gain leadership ideas to take back to your district that will help shape technology innovation and contribute to meeting your district’s goals.

Sessions focus around the following themes:

- Online Assessments
- Broadband Initiatives
- Networks and Cloud Services
- Records and Information Management
- Instructional Technologies

Our clinic opens with a welcome message from Dean Obermeyer, President-elect, NMSTE, Technology Coordinator, Los Alamos Public Schools. The program will then kick off with an opening Keynote by Keith Krueger, CEO, CoSN.

The 2015 New Mexico CTO Clinic™ will provide tremendous benefit by opening avenues of sharing with and learning from your fellow technology leaders. The NMSTE CTO Council has carefully selected sessions which will expand your vision about technology leadership, including a keynote by Lenny Schad, Chief Technology Officer, Houston ISD. These sessions will allow you to see how other districts are stepping up to the challenges of leading technology programs in these exciting times of change and innovation.

This opportunity would not be possible without the support from a great group of sponsors. Be sure to meet with the K-12 technology sponsors who will be here at the clinic exhibiting their latest, cutting-edge products and services. We encourage you to share your needs and discuss the challenges you see in your district with our sponsors. They may have just the right product or service to help you plan strategically.

We trust you will find this day filled with opportunities to learn and expand your leadership. Again, welcome to the 2015 New Mexico CTO Clinic™!

Tom Ryan
CEO, eLearn Institute, Inc.

Keith Krueger
CEO, CoSN
Organization
Founded in 1992, the Consortium for School Networking (CoSN) is the premier professional association for school district technology leaders. CoSN is committed to providing the leadership, community and advocacy tools essential for the success of these leaders. CoSN is a tax-exempt 501(c)(3) nonprofit organization headquartered in downtown Washington, D.C.

Mission
Empowering educational leaders to leverage technology to realize engaging learning environments.

Core Beliefs
- The primary challenge we face in using technology effectively is human.
- Technology is a critical tool to personalize learning.
- Equitable and ubiquitous access to technology is a necessity.
- The effective use of technology for transformation of learning cannot occur without strong leadership and vision.
- Technological fluency allows children to be prepared for the world of today and tomorrow.
- Technology enables innovation in our educational systems, which results in greater efficiencies and productivity.
- Global connections are vital to transforming the education process and improving learning.

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New Mexico Society for Technology in Education (NMSTE) CoSN Council

https://sites.google.com/site/nmstesite

Seeking to Improve Teaching and Learning by Advancing the Effective use of Technology in Education

2015 Board of Directors
Tom Ryan, President
Dean Obermeyer, President-elect
Susie Bussman, Treasurer
Ferdi Serim, Executive Director

NMSTE Mission: To ensure the success for all students by serving as a state wide network of individuals seeking to improve teaching and learning by advancing the effective use of technology in education.
CoSN’s Framework of Essential Skills of the K-12 CTO

The Framework of Essential Skills of the K-12 CTO is comprised of three primary professional categories that sum up the work you do in the education technology field. These categories encompass 10 specific skill areas which outline the responsibilities and knowledge needed to be a viable educational technology leader. The Framework is the body of knowledge upon which CoSN’s CETL exam is based and is the guide to everything a successful CTO needs to know and do. All of CoSN’s professional resources are based on the Framework.

The Framework contains 10 specific skill areas within 3 primary professional categories:

I. Leadership + Vision

- Leadership + Vision
- Ethics + Policies
- Strategic Planning

II. Understanding the Educational Environment

- Instructional Focus + Prof. Development
- Team Building + Staffing
- Stakeholder Focus

III. Managing Technology & Support Resources

- Information Technology Management
- Communication Systems Management
- Business Management
- Data Management

Download the full Framework of Essential Skills of the K-12 CTO at cosn.org/framework.

Look for the icon next to each session in this program to identify the skill area.
Agenda

Thursday, April 9, 2015

9:00  Registration  Building 8

10:00  Welcome Remarks  Multipurpose Room
Dean Obermeyer, President-Elect, NMSTE Board of Directors

10:15 - 11:15  Opening Keynote: Identifying the Big Hairy K-12 Technology Problem: Us!
Multipurpose Room
Explore the “Big, Hairy Problem” of ubiquity and access gaps in K-12. But they are dwarfed by “The Bigger, Even More Hairy Problem” of human capacity. Otherwise known as “us.” Learn about CoSN's new key leadership resources to enable you to succeed.
Keith Krueger, CEO, CoSN

11:30 - 12:00  Sponsor Session: FileWave Systems & Mobile Device Management  710
Managing Multi-Platform Device within your District
FileWave allows IT, Curriculum, and other Administrators to take full control of their technology (Windows PC’s, Mac OS X, Android, & iOS Devices) within a single interface.
When it comes a having a complete systems management software, FileWave makes it easy! Image, Deploy, Manage, Maintain, Inventory.
Patrik Donahue, Account Executive. FileWave Systems & Mobile Device Management

Sponsor Session: Lightspeed Technologies  713
Elevating the Educational Experience Through Classroom Audio
We will have product and information, which will "prove" the value of classroom audio in today's classroom. We will also present a "nothing like it in education today" two-way classroom audio tool, which is proving very helpful within various instructional situations.
Patrick O'Connor, Lightspeed Technologies

Bringing “IT” All Together: Managing Your Digital Learning Ecosystem  724
Today's convergence of devices, content and connectivity allows districts to design their digital learning environments to engage learners and build capacity for long-lasting academic success. Learn how Promethean’s new ActivClassroom is helping districts bring it all together - interactive instructional delivery; digital curriculum and lessons; direct, group and self-paced instruction - maximizing the impact of digital surfaces and BYOD/1:1 strategies.
Scott Willett, Head of Sales US & Carribbean, Promethean,
Dan Cookson, Education Solutions, Sales Manager, Promethean

12:15 - 1:45  Lunch and Featured Session: Bring Your Own Learning  Cafeteria
Lenny Schad, CITO, Houston ISD
Agenda

Thursday, April 9, 2015 ~ continued

2:00 - 2:45  **Improving your IT system with Key Performance Indicators (KPIs)**
As budgets continue to tighten, school districts are finding ways to efficiently use educational resources and make informed decisions based on data. Using key performance indicators, school districts can benchmark all aspects of school operations and identify best practices to streamline the way they do business and save money. Learn the business intelligence tools that can help your district improve system performance and ultimately provide a better learning environment for students. Using CoSN's three free IT KPIs will get you started.
*Tom Ryan, President, NMSTE Board of Directors & CEO, eLearn Institute*  Multipurpose Room

**Quality Tools for Quality Instruction & Planning**
Learn how Curriculum Companion and Standards Insight are mutually supportive pieces of an online software package that will support educators in preparing and delivering instruction centered around the Common Core State Standards, other State and National standards, and Best Practices. This package is available in NM only through CES!
*Jim Barentine, Cooperative Education Services & Sheila Hyde*

**Healthy IT - Organizational Change**
Many Information Technology Departments are technical in scope and successful in designing, building, and deploying technology systems and services to their constituents. Our focus is to reestablish the Information Technology Organization as one of the most relevant departments in regard to academic achievement at Albuquerque Public Schools. We have set into motion a Healthy Organizational model initiative that has moved the department towards a self-healing, customer service model that is attached to student achievement. We will be sharing the overall initiative, the new vision, and the rebuilding of a cohesive, goal focused, and responsive team.
*Paul Romero, CTO, Albuquerque Public Schools*

**What's Cooking? Technology Test Kitchen**
This will be an all day event. The Technology Test Kitchen is designed to provide you with hands-on learning experiences that will support your blended teaching and learning efforts. During this all-day opportunity, an expert “Chef” will guide you through hands-on exercises focused on practical applications of the technology featured at that station. You’ll have ample time to explore innovative ways to use what you have at your institution to support blended and online learning. Take-Aways from the event include hands-on experience, engagement with Top Chefs in the field of technology, and access to the RETA Digital Cookbook full of technologies “recipes” to wet your technology appetite!
*NMSU RETA TEAM: Susie Bussmann, Sandy Johnson, Miley Grandjean, Kerry Forsythe, Susana Venegas, and Michelle Lebsock*
Agenda
Thursday, April 9, 2015 ~ continued

3:00 - 3:45  **PED’s Edline Parent Portal Program**
The New Mexico Public Education Department (PED) is pleased to announce that starting in April 2015, every New Mexico school district and charter school will have the opportunity to receive services to develop a parent portal that can be used to deliver student reports online to parents. Districts and charter schools will also have the opportunity to reconfigure and improve their existing websites to make them compatible with mobile devices.
*Michael Archibeque, CIO, NM Public Education Department*

**Preparing Staff, Students and Computers for PARCC**
An overview of how Los Alamos Public Schools prepared Students, Staff and computers (Apple OS X and Chromebooks) for online assessments (MAP, PARCC, NMSBA) by using a combination of OS X server, Google Admin Console and open source software deployment tools in collaboration with PARCC trials, practice tests, and written instruction guides.
*Dean Obermeyer & Sal Zapien, Los Alamos Public Schools*

**Student Data Privacy: Getting a Grip**
While the issue of student data privacy is now a priority for district technology leaders, exactly what this issue is all about and specifically how to address it may not be clear to those with responsibility for dealing with it. This session will provide attendees with a clear understanding of what concerns exist regarding use of student data, including an overview of current Federal privacy policy developments. Learn about key privacy resources available to districts, with a significant focus on the latest version of CoSN’s Protect Privacy in Connected Learning Toolkit.
*Keith Krueger, CEO, CoSN*

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4:00 - 6:00  **Reception and Social**
*Sponsored by Technology Integration Group (TIG)*

Building 7 Commons
**Agenda**

**Friday, April 10, 2015**

8:00  **Registration**  
Building 8

8:30  **Breakfast & Featured Session: Student Led Tech Support**  
*Cafeteria*
*Dennis Harper, Ph.D., Founder & CEO, Gen Yes*
*Generation Yes students and educator from AZ*

9:30 - 10:00  **Sponsor Session: CDW.G Leading Schools in the Digital Age**  
Chad A. Stevens, Ph.D., former educator and K-12 strategist, CDW-G, will discuss how educational technology can be a catalyst for change when districts take a holistic approach. Stevens will explore the importance of visionary leadership, risk-taking and alignment between IT and curriculum – going beyond the device to look at critical factors in providing a systemic, supportable and sustainable environment for learning.  
*Chad A. Stevens, Ph.D., CDW-G K-12 Strategist*

**Sponsor Session: Schoology**  
Top Ten Reasons to Use Schoology  
This session will be a brief overview of the Top Ten features and functionality that earned Schoology the Codie awards for Best Technology Solution, Best Pre-K12 solution and Best K-12 solution in 2014.  
*Antonio Montoya, Regional Sales Director, Schoology*

10:15 - 11:00  **Gen Yes Student Led Tech Support follow-up**  
*Dennis Harper, Ph.D., Founder & CEO, Gen Yes Generation Yes students and educator from AZ*

**CTO Leadership- Policy and Ethics**  
Lenny Schad will share how and what resources have been created at either Katy ISD or Houston ISD regarding Web 2.0 Tools and COPPA privacy. Understand how parent permission forms correlate to the parent portals/sites referencing 3rd party web tools that are being used. Schad will also address policy or guidelines for staff deciding to use 3rd party tools that are not on the list of “District” tools, and processes/procedures that staff are asked to follow in this case.  
*Lenny Schad, CITO, Houston ISD*

**Supplementing Professional Development with PLEs and PLNs**  
In this presentation, the development of personal learning environments and personal learning networks is explored as a means to supplement and personalize professional development for educators. This presentation includes a brief description of PLEs and PLNs, the top tools for PLE/PLN development, and examples of activities that promote PLE/PLN development.  
*Julia Parra, New Mexico State University*

**What's Cooking? Technology Test Kitchen (continued)**  
*NMSU RETA TEAM: Susie Bussmann, Sandy Johnson, Miley Grandjean, Kerry Forsythe, Susana Venegas, and Michelle Lebsock*

This study examined the process employed in selecting and acquiring technology and the intended use of that technology in a new high school in southern New Mexico (NM). The research questions that guided this study include: (a) Why were specific information technologies selected and implemented in a new school? (b) What was identified along with the technology, as required, that ensures that the technologies are effectively implemented? (c) How does information technology help meet the school's curriculum and learning aim? (d) What are the perceptions that access to information technology makes students more successful?

Norma Grijalva & Brian Ormand, New Mexico State University

Secrets of Faculty Development for Social, Mobile & Blended

With all of the demands on faculty today, how can you efficiently and effectively prepare them to design learning for mobility and social media in online and blended formats? This interactive presentation will share the recipe for success with faculty of all disciplines and skill levels.

Holly Rae Bemis-Schurtz, Online Learning Consortium

Leadership in the Information Age: Creating a Culture of Governance

The digital transition is requiring school systems to re-think how initiatives are prioritized, coordinated, and assure accountability in line with district-wide strategic goals and long-range planning. School district leaders need to manage a portfolio of projects and make decisions regarding policy, budget, scale and staffing. How are instructional and technology district leaders working together to re-design a governance structure to help move initiatives forward successfully?

Tom Ryan, President, NMSTE Board of Directors and CEO, eLearn Institute

What's Cooking? Technology Test Kitchen (continued)

NMSU RETA TEAM: Susie Bussmann, Sandy Johnson, Miley Grandjean, Kerry Forsythe, Susana Venegas, and Michelle Lebsock

Lunch and Birds of a Feather Round Tables

Cafeteria

Framework of Essential Skills for the K-12 CTO: Are you CETL Ready?

Panel moderated by Tom Ryan, NMSTE Board of Directors & CEO, eLearn Institute
Alice Owen, Ph.D., CETL, Executive Director, Texas K-12 CTO Council
Lenny Schad, CITO, Houston ISD
Keith Krueger, CEO, CoSN

Closing Remarks

Tom Ryan, President, NMSTE Board of Directors & CEO, eLearn Institute
Since 1992, FileWave has provided education, enterprise, and government institutions around the world with enterprise level cross-platform systems and mobile device management software to assist IT teams throughout the entire lifecycle process of imaging, deployment, management and maintenance. FileWave's all-in-one, highly scalable software solves the many challenges of managing a diverse and growing population of users, devices, and content by ensuring IT teams have a comprehensive solution that supports both client (desktop) and mobile devices across Mac, Windows, iOS and Android. With FileWave, IT teams can efficiently secure and support their organizations from one easy-to-use console, making even the most daunting projects, such as BYOD or large 1:1 initiatives, manageable and highly effective.

As a growing solutions provider, we are acutely aware of the ever-changing demographics and needs in our various customer markets and how these changes influence future technology. For the past 33 years, TIG has consistently delivered innovative technology solutions to an expanding diverse customer base in enterprise, government agency, educational and SMB markets. Our ability to stay agile strengthens us and this commitment is a vital part of our business achievements and essential to our customer's long-term sustainability. From software and hardware procurement to discovery assessments, strategic planning, deployment, data center optimization, IT asset management and cloud computing, TIG offers custom-built IT solutions for our customers around the globe.

CDW•G is a leading provider of technology and solutions to schools, with a mission of delivering engaging, collaborative and interactive learning environments, while securing networks and optimizing data centers. Our team of dedicated account managers and solution architects can help with assessment and pre-configuration to implementation and ongoing support. CDW•G solution areas include: classroom technology, cloud computing, data center optimization, networking, power and cooling, printers, security, software, storage, total mobility management, unified communications and virtualization. For details, call 800.808.4239 or visit CDWG.com/k12

Our team features professionals with years of experience across both business processes and leading technologies. We will walk you through the process of establishing a technology framework and IT strategy that is the best fit for your company. Our expert staff will work with you to identify, prioritize and execute on your next opportunities, whether you want to do it all in-house, or in as little time as possible.

CBT will then provide the structure and support to design, deploy and maintain the technology, partnering with you at every stage—so that you can start innovating sooner.
Lightspeed Technologies is passionate about improving the listening and learning environment for every child. We believe this will strengthen the connection between teachers and students that is at the heart of learning.

Lightspeed provides audio solutions for today’s active, diverse classrooms. We create instructional solutions like the Flexcat audio system for small group instruction that bring listening and sharing to the forefront. Lightspeed products provide equal access to learning for all students. Our solutions give teachers access to hard-to-get yet critical insights into the moment-by-moment learning that is taking place in their classrooms.

Promethean is a global education technology leader that partners with schools and teachers to create dynamic learning environments that motivate students to learn. We believe that education technology solutions must enhance four critical capabilities for schools, teachers and students – engagement, personalization, collaboration, and feedback. We accomplish these through award-winning products and services that comprise the new Promethean ActivClassroom. Students engage with interactive, multimedia lessons through ClassFlow, our comprehensive instructional delivery system. ClassFlow provides teachers with real-time feedback on each student’s progress in the moment of learning while supporting administrators in making data-driven decision on curriculum, usage and student progress against standards. At the front of the classroom, Promethean’s multi-user digital displays facilitate collaboration and active, engaging learning experiences.

Schoology—used by millions of students and educators in K-12 schools and universities around the world—combines dynamic learning management, an easy-to-use collaborative interface, and next-generation API integration into one innovative solution. Schoology transforms learning into a media-rich interactive experience where students, teachers, parents and administrators work together to raise student achievement.

Education is more than students sitting in a classroom. The expansion in Internet connectivity and the use of mobile devices has transformed learning and schools. The right technology is essential to support today’s challenging learning environment. Microsoft’s solutions for teaching and e-learning with Windows 8, Office 365, Lync, and SharePoint are fueling innovation and the future of learning.
Thanks for attending!

Let us know what you thought by completing a short survey:

www.surveymonkey.com/s/NMCTOCLINIC15

Special Promotion!

All those who register and attend the NM CTO Clinic will receive a discount to Lenny Schad’s new book “Bring Your Own Learning: Transform Instruction with Any Device.” Go to http://www.iste.org/resources/product?id=2798 and enter coupon code BYODEV for $5.00 off!