

## **Tuesday, July 24, 2012**

**Continental Breakfast:**

*7:30 AM - 9:30 AM*

Start each day off with a continental breakfast in the Performing Arts Center lobby

**Lunch:**

*11:30 AM - 1:00PM*

Lunch daily at the Rider Diner

**PM Breaks:**

*2:15 PM - 2:45 PM*

Take a short break to share notes with fellow attendees, while strolling through the exhibit hall.

7:30 AM - 3:00 PM Registration (19-147)

7:30 AM - 9:30 AM Breakfast (19-147)

8:30 AM - 9:30 AM Kickoff & Keynote (Performing Arts Center)

9:30 AM - 3:30 PM Exhibit Halls Open (Performing Arts Center Lobby)

9:45:00 AM - 10:30 AM Session 1

10:45 AM - 11:30 AM Session 2

11:30 PM - 1:00 PM Lunch (Rider Diner ) (Exhibit Halls Open)

12:30 PM - 1:15 PM Session 3

1:30 PM - 2:15 PM Session 4

2:15 PM - 2:45 PM Break (Performing Arts Center Lobby)

2:45 PM - 3:30 PM Session 5

<b>Administration</b>	<b>IT</b>	<b>Teacher</b>	
Google Apps for Education (19-215) Blended Learning (3-123) BYOD from the Admin Perspective (19-206)	Best Practices for Interactive Video Instruction-Remote Instruction (19-223) Networks-Now and in the Future (3-124)	Online Instruction, Course Creation and Implementation (19-225) Managing the Online Classroom (3-203) Collaborating Online: Using Google Docs and wikis (19-224)	<b>Session 1 9:45 AM-10:30 AM</b>

### **Track Admin: Session 1: Room 19-215**

#### **Gone Google! - Google Apps for Education: Mark Luffman, Cottonwood-Oak Creek School District**

What are the advantages and disadvantages of using a Google domain for your district? The focus of this session will be on the good, the bad, and the ugly of setting up and using Google Apps for Education.

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#### **Blended Learning: Ashlee Copper, Humboldt Unified School District**

Having been here from the very beginning of the AOI On-line process, Ashlee Cooper will share with other schools the trials and tribulations they have gone through to get their on-line school off the ground. Having lost money in the past, they are now keeping that money with-in the district after having created their own Blended Learning courses.

### **Track IT: Session 1: Room 19-223**

#### **Tech to support STEM & Common Core: Cherie Stafford: AZ K-12 Center**

This session will journey into the vast constellation of web sites and tech tools, which support and promote STEM content and the Common Core State Standards. You'll learn about some of the brightest "stars" in this ever-growing list of free applications. Participants will see how online math and science simulations and interactive tools can support instruction while improving student learning. They will also glimpse a few of the best engineering sites for elementary, middle and high school levels. Participants will receive the list of web sites and tech tools introduced. This will be a fast paced session.

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In this session we explore the implications to schooling from: beyond 1:1 devices, beyond current Internet connectivity, Internet 2.x, owning your wide area network, pipes to the cloud, and home/global connections.

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#### **Online Instruction, Course Creation and Implementation: Jennifer Woods, Humboldt USD**

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There has been a lot of research over the past decade regarding how to manage your online courses. Many of the same strategies that work in the classroom are also essential for the success in an online environment. This breakout session will cover strategies for choosing the right communication tools and protocols, addressing technology problems, managing student expectations, and building community.

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The web has moved from a static, read-only environment to one that allows users to contribute and collaborate in the creation of information available on the Internet. Among the many tools that allow the interaction, Google Docs and wikis provide a great opportunity for students and teachers to create, share, and collaborate on course work. Google Docs provides a rich environment that includes various security settings, commenting and revision features, and sharing capabilities. Google Docs also has spreadsheets, interactive forms, and drawing applications.

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SEDNet (3-205) On-Boarding (3-203)	Project RED (3-123) BYOD from the IT Perspective (3-124) Project RED (19-206)	The “Flipped” Classroom (19-223) BYOD for the Classroom (19-225)	<b>Session 2</b> <b>10:45 AM – 11:30 AM</b>

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#### **SEDNet: Brad Zerbe,**

Many states already have statewide education networks that have dramatically changed education in their states. Arizona is now forming a statewide private education network through SEDNet, which stands for SACNet Education Network. This network promises to connect schools statewide offering instruction and continuing education and change Arizona’s digital culture. Find out about how this network can help you!

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#### **On-boarding and Retention Strategies: Jeanna Pignatiello: Arizona Virtual Academy**

Effective On-boarding begins with an intentional plan to welcome and equip students, parents and teachers with the tools they need to succeed in the online setting. On-boarding must then transition into targeted support that fosters academic achievement and retention. This session will provide a variety of best practices that administrators can utilize during the planning, implementation and ongoing development of an online program.

### **Track Admin: Session 2: Room 19-206**

#### **Project RED Overview: Thomas W. Greaves, Chairman, The Greaves Group, LLC**

Project RED, the groundbreaking study of 1000 schools, identified key parameters linked to the successful school transformations. This session will introduce the Project RED Community and Design and tell districts how to get involved and become Charter members.

### **Track IT: Session 2: Room 3-124**

#### **BYOD from the IT perspective: Matt Federoff, Vail Unified School District**

Providing technology to our students is expensive. What if we could leverage the devices they already have? Could you invite students to bring their laptops, iPads, Smartphone, etc to your school and connect up to your wireless network? Could you do this and still have network security? Vail School District has offered a BYOD program at the high school level since 2009, the first such initiative in Arizona. These questions (and doubtless more) can be explored as district CIO Matt Federoff shares Vail's experiences.

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#### **The “Flipped” Classroom: Dr. Larry Eddy: Yavapai College**

In a typical class, most teachers not only have to review homework, quizzes or exams and return graded items, but they would also like to deliver a stimulating presentation of the next topic. I have found that there is simply not enough time to do everything that needs to be done. If you do a great lecture, you don’t have enough time to answer questions on the homework or to review a quiz or exam. So, say good-bye to confused students and hello to stimulated students. Teaching is fun again.

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#### **BYOD from the Classroom Perspective: Sunshine Darby, Dysart USD**

As students bring mobile devices to school; new strategies must be employed to take advantage of them. This session will guide participants as they explore and develop classroom procedures and management techniques specific to mobile devices. We will delve into the importance of setting goals and gaining the support of parents. Video examples will be available showing what it looks like to see BYOD in action. In addition, a list of lessons learned from teachers who have already implemented BYOD, lesson ideas and contacts for further questions will be included.

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#### **BYOD from the Admin Perspective: Dr. Quinn Kellis: Dysart USD**

This presentation will provide school and district level administrators an overview of Dysart's process to implement the "Bring Your Own Device" initiative. In addition to reviewing the policies and procedures needed to support BYOD, we will also take a peek into a BYOD classroom. (A parallel presentation is also scheduled at this Showcase for the teacher audience.)

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#### **Best Practices for Interactive Video Instruction-Remote Instruction: Tom Aldridge, Yavapai College**

Delivering content effectively utilizing Interactive video requires a specialized presence of mind to actively engage remote learners at distance locations, as well as an understanding of electronic and online resources. Students and/or participants at distance locations need adequate access to materials and personal communication channels to be successful. What does it take to keep these systems up and running?

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#### **The Arizona Experience: An Online Resource for K-12 Teachers: Michael Conway Ph.D, AZ Experience Project**

The Arizona Experience website captures and broadcasts the essence of Arizona; its lands, people, art, innovation, science, genius, past, present and future. Through images, videos, podcasts, flyovers and virtual excursions, we hope to inspire and motivate Arizonan's of all ages, cultures, and backgrounds.

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#### **21st Century Tutoring with No Boundaries: Paradise Valley USD National Honor Society: Shivani Misra, 2012 NCHS Graduate**

The National Honor Society (NHS) has a history of tutoring students through after-school programs. At North Canyon High School in Phoenix, Arizona tutoring of any and all students has entered a more modern, 21st Century method of delivery. Using both screen shared and collaboration technology tools, and audio and video (e.g., WebEx) through computers on the Internet, a larger reach to the practice of students-tutoring-students has been realized. This is all done in adult-supervised web portals, consisting of break-out rooms, and covering the full gamut of subjects: math, science, social studies, and languages--K-12.

### **Track Teachers: Session 3: Room 19-224**

#### **Virtual Field Trips and Simulations K-12: Kathy Epperson, Cottonwood Oak-Creek SD**

Field trips are excellent ways to immerse students in historical evidence by visiting museums, historical sites, author residences, or government buildings. Field trips can also be expensive, complicated to organize, and draw students away from their other class responsibilities. Fortunately, if you cannot visit an important site in person, you can often visit the site virtually. Today's session will present information to help you start sharing the experience of taking your classes on Virtual Field trips—it's the next best thing to being there.

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### **Track Admin: Session 4: Room 3-124**

#### **Intel Elements Courses and How They Fit Into Digital Learning: Cathy Poplin: Arizona Department of Education**

Learn about a series of asynchronous, facilitated online professional development courses that provide teachers with a deeper exploration of 21st century learning concepts. The content of these courses include animated e-learning modules with some interactive learning exercises, online forums to allow participants to reflect and discuss course ideas with each other and off-line activities to apply what they are learning to their current practice through the completion of a project plan. Intel Teach Elements are aligned with Common Core ELA and Mathematics Standards.

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#### **Session: Ultra-High Performance Networks of Internet 2 and the National Lambda Rail: Jeff Billings: Paradise Valley Unified School District**

The next version of the Internet is in place and growing. Very big pipes, tens of gigabytes production to aggregate terabytes per second are connecting universities, laboratories, government and large business. From research to commerce, applications run the full gamut. Come explore and envision the impact on education as articulated by the first K12 on the National Lambda Rail - the only transcontinental, high performance network owned and operated by the research and education community.

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#### **Salon Session on Living in a Project RED World: Thomas W. Greaves, Dr. Manny Isquierdo & Dr. David Schauer:**

This session will showcase some of the current education innovation initiatives and projects in Arizona, as school leaders work to create a "Project RED world" in their districts and communities. This discussion will recognize progressive education practices and give real-life examples. Attention will be paid to successes, as well as challenges and lessons learned in both programs and policy and suggestions for the future. This visionary discussion will share how some schools save money while improving learning and outcomes. Where are the opportunities? What can be done to make a difference right now for Arizona's students?

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8:45 - 9:30 AM Session 6

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9:45:00 AM - 10:30 AM Session 7

10:45 AM - 11:30 AM Session 8

11:30 PM - 1:00 PM Lunch (Rider Diner) (Exhibit Halls Open)

12:30 PM - 1:15 PM Session 9

1:30 PM - 2:15 PM Session 10

2:15 PM - 2:45PM PM Break (Performing Arts Center Lobby)

2:45 PM - 3:30 PM Session 11

3:40 PM - 4:00 PM Closing Session-Door prize drawing-must be present to win. (Performing Arts Center)

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### **Track Teachers: Session 8: Room 19-206**

#### **21st Century Tutoring with No Boundaries: Paradise Valley USD National Honor Society: Shivani Misra, 2012 NCHS Graduate**

The National Honor Society (NHS) has a history of tutoring students through after-school programs. At North Canyon High School in Phoenix, Arizona tutoring of any and all students has entered a more modern, 21st Century method of delivery. Using both screen shared and collaboration technology tools, and audio and video (e.g., WebEx) through computers on the Internet, a larger reach to the practice of students-tutoring-students has been realized. Nearly 100 students a week from all grade levels, are tutored online all while both tutors and students are at home, out of town, etc.. Students are no longer required to arrange transportation for after school sessions and we are now able to efficiently reach elementary and middle school grade students. Thus, a more scalable tutoring model is achieved. This is all done in adult-supervised web portals, consisting of break-out rooms, and covering the full gamut of subjects: math, science, social studies, and languages--K-12.

<b>Administration</b>	<b>IT</b>	<b>Teacher</b>	
Google Apps for Education (3-203)	National Lambda Rail (19-206) Tech to support STEM & Common Core (3-205) SEDNet (19-215)	Tech to support STEM & Common Core (3-205) Best Practices for Interactive Video Instruction-Remote Instruction (19-224) Virtual Field Trips and Simulations K-12 (19-224)	<b>Session 9</b> <b>12:30 PM – 1:15 PM</b>

### **Track Admin: Session 9: Room 3-203**

#### **Gone Google! - Google Apps for Education: Mark Luffman, Cottonwood-Oak Creek School District**

What are the advantages and disadvantages of using a Google domain for your district? The focus of this session will be on the good, the bad, and the ugly of setting up and using Google Apps for Education.

### **Track IT: Session 9: Room 19-206**

#### **Session: Ultra-High Performance Networks of Internet 2 and the National Lambda Rail: Jeff Billings: Paradise Valley Unified School District**

The next version of the Internet is in place and growing. Very big pipes, tens of gigabytes production to aggregate terabytes per second are connecting universities, laboratories, government and large business. From research to commerce, applications run the full gamut. Come explore and envision the impact on education as articulated by the first K12 on the National Lambda Rail - the only transcontinental, high performance network owned and operated by the research and education community.

### **Track IT: Session 9: Room 19-215**

#### **SEDNet: Brad Zerbe,**

Many states already have statewide education networks that have dramatically changed education in their states. Arizona is now forming a statewide private education network through SEDNet, which stands for SACNet Education Network. This network promises to connect schools statewide offering instruction and continuing education and change Arizona's digital culture. Find out about how this network can help you!

### **Track Teachers: Session 9: Room 3-205**

#### **Tech to support STEM & Common Core: Cherie Stafford: AZ K-12 Center**

This session will journey into the vast constellation of web sites and tech tools, which support and promote STEM content and the Common Core State Standards. You'll learn about some of the brightest "stars" in this ever-growing list of free applications. Participants will see how online math and science simulations and interactive tools can support instruction while improving student learning. They will also glimpse a few of the best engineering sites for elementary, middle and high school levels. Participants will receive the list of web sites and tech tools introduced. This will be a fast paced session.

### **Track Teachers: Session 9: Room 19-224**

#### **Best Practices for Interactive Video Instruction-Remote Instruction: Tom Aldridge, Yavapai College**

Delivering content effectively utilizing Interactive video requires a specialized presence of mind to actively engage remote learners at distance locations, as well as an understanding of electronic and online resources. Students and/or participants at distance locations need adequate access to materials and personal communication channels to be successful. What does it take to keep these systems up and running?

### **Track Teachers: Session 9: Room 19-225**

#### **On-boarding and Retention Strategies: Jeanna Pignatiello: Arizona Virtual Academy**

Effective On-boarding begins with an intentional plan to welcome and equip students, parents and teachers with the tools they need to succeed in the online setting. On-boarding must then transition into targeted support that fosters academic achievement and retention. This session will provide a variety of best practices that administrators can utilize during the planning, implementation and ongoing development of an online program.

<b>Administration</b>	<b>IT</b>	<b>Teacher</b>	
Student Expectations in an Online Environment (19-223) Intel Elements Courses (3-203)	Collaborating Online: Using Google Docs and wikis (19-206)	Arizona Experience Project (3-205) Blended Learning (3-123) BYOD for the Classroom (19-225)	<b>Session 10</b> <b>1:30 PM – 2:15 PM</b>

### **Track Admin: Session 10: Room 3-203**

#### **Intel Elements Courses and How They Fit Into Digital Learning: Cathy Poplin: Arizona Department of Education**

Learn about a series of asynchronous, facilitated online professional development courses that provide teachers with a deeper exploration of 21st century learning concepts. The content of these courses include animated e-learning modules with some interactive learning exercises, online forums to allow participants to reflect and discuss course ideas with each other and off-line activities to apply what they are learning to their current practice through the completion of a project plan. Intel Teach Elements are aligned with Common Core ELA and Mathematics Standards.

### **Track IT: Session 10: Room 19-206**

#### **Collaborating Online: Using Google Docs and wikis: Thatcher Bohrman, Yavapai College**

The web has moved from a static, read-only environment to one that allows users to contribute and collaborate in the creation of information available on the Internet. Among the many tools that allow the interaction, Google Docs and wikis provide a great opportunity for students and teachers to create, share, and collaborate on course work. Google Docs provides a rich environment that includes various security settings, commenting and revision features, and sharing capabilities. Google Docs also has spreadsheets, interactive forms, and drawing applications.

### **Track Teachers: Session 10: Room 3-205**

#### **The Arizona Experience: An Online Resource for K-12 Teachers: Michael Conway Ph.D, AZ Experience Project**

The Arizona Experience website captures and broadcasts the essence of Arizona; its lands, people, art, innovation, science, genius, past, present and future. Through images, videos, podcasts, flyovers and virtual excursions, we hope to inspire and motivate Arizonan's of all ages, cultures, and backgrounds.

### **Track Teachers: Session 10: Room 3-123**

#### **Blended Learning: Ashlee Copper, Humboldt Unified School District**

Having been here from the very beginning of the AOI On-line process, Ashlee Cooper will share with other schools the trials and tribulations they have gone through to get their on-line school off the ground. Having lost money in the past, they are now keeping that money with-in the district after having created their own Blended Learning courses.

### **Track Teachers: Session 10: Room 19-225**

#### **BYOD from the Classroom Perspective: Sunshine Darby, Dysart USD**

As students bring mobile devices to school; new strategies must be employed to take advantage of them. This session will guide participants as they explore and develop classroom procedures and management techniques specific to mobile devices. We will delve into the importance of setting goals and gaining the support of parents. Video examples will be available showing what it looks like to see BYOD in action. In addition, a list of lessons learned from teachers who have already implemented BYOD, lesson ideas and contacts for further questions will be included.

<b>Administration</b>	<b>IT</b>	<b>Teacher</b>	
BYOD (19-215) Collaborating Online: Using Google Docs and wikis (19-206)	Beyond our Current Internet (3-124)	Online Instruction, Course Creation and Implementation (19-225) Managing the Online Classroom (3-203) Virtual Field Trips and Simulations K-12 (19-224)	<b>Session 11</b> <b>2:45 PM – 3:30 PM</b>

### **Track Admin: Session 11: Room 19-206**

#### **Collaborating Online: Using Google Docs and wikis: Thatcher Bohrman, Yavapai College**

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### **Track Admin: Session 11: Room 19-215**

#### **BYOD from the Admin Perspective: Dr. Quinn Kellis: Dysart USD**

This presentation will provide school and district level administrators an overview of Dysart's process to implement the "Bring Your Own Device" initiative. In addition to reviewing the policies and procedures needed to support BYOD, we will also take a peek into a BYOD classroom. (A parallel presentation is also scheduled at this Showcase for the teacher audience.)

### **Track IT: Session 11: Room 3-124**

#### **Beyond our Current Internet: Jeff Billings, Paradise Valley Unified School District**

In this session we explore the implications to schooling from: beyond 1:1 devices, beyond current Internet connectivity, Internet 2.x, owning your wide area network, pipes to the cloud, and home/global connections.

### **Track Teachers: Session 11: Room 19-225**

#### **Online Instruction, Course Creation and Implementation: Jennifer Woods, Humboldt USD**

Through the use of technology, students have access to classes in real time and can interact with both the teacher and the other students via cameras and computers. Students are able to access the materials for the class through Moodle.

### **Track Teachers: Session 11: Room 3-203**

#### **Managing the Online Classroom: Ruth Alsbrook-Hurich, Yavapai College**

There has been a lot of research over the past decade regarding how to manage your online courses. Many of the sAMe strategies that work in the classroom are also essential for the success in an online environment. This breakout session will cover strategies for choosing the right communication tools and protocols, addressing technology problems, managing student expectations, and building community.

### **Track Teachers: Session 11: Room 19-224**

#### **Virtual Field Trips and Simulations K-12: Kathy Epperson, Cottonwood Oak-Creek SD**

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