



# **TECHNOLOGY CONFERENCE FRIDAY, FEBRUARY 18, 2011 SESSION DESCRIPTIONS**

**THEME: “TEACHING AND LEARNING IN THE 21ST CENTURY”**

## **ACTIVITY AND ACADEMICS**

**Presenter: Shelley Fey - Punahou School, High School P.E. Department Head**

There has been an increase in research showing that exercise enhances school performance by creating an environment in which the brain is ready, willing and able to learn. The current movement in Physical Education is to get kids active in a functional and productive way. Using technology has been at the forefront of engaging students in new activities that are challenging yet fun and which bring rewards in many ways. Come and see some of the innovative ways Physical Educators and classroom teachers are moving kids.

## **BEYOND GOOGLE AND WIKIPEDIA**

**Presenters: Midkiff Learning Center: Gail Fujimoto, Clear Ho, Candace Lee and Kawika Makanani**

Have you been to Midkiff recently to use the collection? Learn about the authoritative, quality, credible digital online resources available. Learn how to access ebrary, a 50,000 volume academic library, create your own bookshelf, highlight text and send it to your students. Learn about a treasure trove of KS and Hawaiian historical photographs. Join us as we explore these rich, rich resources.

## **CAMPAIGN ADVERTISEMENTS: LINKING THE CAMPAIGN ADVERTISING TO THE PAST AND THE PRESENT USING iMOVIE**

**Presenter: Sarah Razee KHS Social Studies Teacher**

Come together in this award winning lesson/project. See how critical thinking, collaboration and technology came together in this project. Students in my class created campaign advertisements using their knowledge of the period 1824-1840 and contemporary campaign strategies to create modern television campaign commercials. The students worked in groups to explore and practice campaign strategies and argumentation using effective words, images and music in iMovie.

## **CREATING ANIMATIONS FOR THE WEB**

**Presenter: Lauren Apiki (Learning Education Technology (LET Academy)**

In order to create animation that supports classroom curriculum, students must have a solid understanding of the content. See student exemplars of animations used as a communication tool and a brief demonstration of how they were constructed.



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#### **CREATING DIGITAL CONTENT**

**Presenter: Jim Uyeda (Apple)**

This session looks at education content: how it is currently created, published and distributed in the K-20 educational institutions. Different sources of content and methods of distributing the content will be reviewed including:

Electronic Textbooks  
Apps  
Podcasts  
Teacher Created Content  
Student Created Content and ePortfolios

Attendees will get an in-depth look at ePubs, the new file format for digital textbook material. We will also look at how simple it is for teachers and students to quickly and easily create this content which can then be shared and used by the entire education community.

#### **CURRENT USES IN BLACKBOARD**

**Presenter: Tim Freitas-ES-i Team/ITRT**

Blackboard 8 features have been used more and more each year at KS, so we will review and explore topics such as Announcements, Emails, and Uploading documents) to Intermediate Navigation of Advanced Groupings, Assessments/Quizzes, Grade Center Statistics/Smart Views, Turnitin and Discussion Boards. Come and see what Blackboard can do for you in your classroom.

#### **DIGITAL LEARNING ENVIRONMENT**

**Presenter: Renee Teraoka- ITRT and KMS Teacher**

1 + 1 = 1 laptop per student equals unlimited opportunities! Learn more about technology integrated lessons and projects that utilize Web 2.0 tools and Apple software that empower students to create authentic content and engage in a modern learning environment. A variety of student products will be shared during this session.

#### **EDUTAINMENT-INCORPORATING GAMES INTO EDUCATION**

**Presenter: Justin Culley ES-i Team/ITRT**

Good educational research shows how powerful games can be in the classroom if deployed correctly. Do you want to spice up your lessons and increase your students' level of fun engagement? Come to this session and leave with a host of resources you can begin using immediately!



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## **GLOGSTER: ONLINE POSTERS**

**Presenters: Valerie Bland and Ellen Cordeiro (ES-i Maui and Hawaii Campuses/Information Technology Specialist)**

Are you looking for an exciting new way to showcase student work? Are you interested in creating instructions for your students that really grab their attention? Glogster may be just the tool you've been waiting for! Best of all, it's free for teachers, and there is a special site dedicated to education! In this session we will walk through the steps of creating your account, enrolling students in your class, as well as making a simple blog. You will also be provided with examples of rubrics, student work, and lesson plans. Please join us for a fun and informative hour showcasing Glogster!

## **HAWAI'I AND THE PACIFIC GO DIGITAL**

**Presenter: Kawiki Makanani-MLC Hawaiian-Pacific Collection**

As the world turns to digital resources, kumu who depend on Hawai'i and Pacific materials rightfully expect to find them in digital form. This workshop will introduce kumu to, and show them how to access and take advantage of, the digital initiatives of the Hawai'i-Pacific Collection. Other external resources will also be explored. Laptops recommended.

## **INTEGRATING TECHNOLOGY: A SUSTAINABLE**

**Presenter: Elizabeth Castillo, KMS Science Teacher**

Hawaiians were the epitome of sustainable living. If we take the time to look back, understand our current situation, and make better choices, we can create a brighter future. This session will show an example of how one middle school team integrates technology through an interdisciplinary unit on sustainability. Students identified problems related to sustainability and created action plans and solutions related to sustainability. Class activities, resources, and student projects will be shared.

## **INTERACTIVE TIMELINE**

**Presenter: Shari Chan-KHS English Teacher**

Create multi-modal interactive timelines online. Tired of the poster board or the 2d graphic organizer? Want to provide students the option of working collaboratively? Want students to incorporate a variety of media into their presentation? Come learn about interactive timelines. Interactive timelines aren't just for the social studies classroom. Students can use the interactive time lines to show the events in a novel or steps in mitosis.



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#### **ITD-QUICK TIPS FOR COMMON ISSUES AND WHO TO CALL**

**Presenters: ERD and Networking**

Have you ever experienced a problem with changing your password? Do you want to know more about the network? Are you interested in learning quick troubleshooting tips for your computer? Do you want to know who to call when you are experiencing technical difficulties? Come join ERD and the Networking team as they share their technical knowledge and troubleshooting tips.

#### **MULTIMEDIA PROJECT- BASED LEARNING**

**Presenter: Lauren Apiki (LET Academy)**

Walk through the process of how students can collaborate to learn about community issues, establish and seek educational partnerships and then share what they've learned through the development of an interactive multimedia presentation.

#### **MULTIMEDIA AUTHORIZING**

**Presenter: Lauren Apiki (LET Academy)**

Multimedia software is a reporting tool that moves beyond the written word to combine multiple content forms; this includes text, audio, still images, motion and interactivity. Discover how to deliver authoring skills to students in the context of creating meaningful and engaging presentations.

#### **PROMOTING PROJECT COLLABORATION WITH GOOGLE DOCS**

**Presenter: Justin Culley-ES-i Team/ITRT**

Have you heard of Google docs? Wondered what all the fuss was about? Come find out as we explore how you can collaborate, communicate and organize your life with this amazing suite of applications. Even more exciting is the fact that they are all free to use for you and your students.



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## **SMARTBOARD-HOW TO TRANSFORM EDUCATION FROM THE 21ST CENTURY**

**Presenter: Kimble McCann (The Audio Visual Company)**

Do you want to know how to transform education from the 21st century? In this session, you will learn the following:

- Student-centered instruction
- SMART learning pathway for educators
- Strategies for instruction (differentiation, multimedia, external resources)
- Existing & Upcoming Technologies
- SMART Support and Resources

## **SOCIAL MEDIA FOR NEWBIES**

**Presenter: Alan Tamayose ES-i Team/ITRT KMS**

Are you a social media newbie? You've come to the right place. This session will give you an overview of essential social media apps for teachers, students, and just about everybody else. Find out what's "out there," and how this next generation of web tools can revolutionize your teaching and learning.

## **STUDENT CREATIVITY SHOWCASE**

**Presenter: Gail Aratani KHS Visual Arts Teacher**

Creativity is now at the very top of Blooms Taxonomy. How many times have we heard that America's future is dependent upon America's ability to innovate and create? How do we get students to develop this 21st century skill? We can start by looking at how some teachers encourage and foster student creativity using technology.

## **STUDENTS WITH TECH SUGGESTIONS**

**Presenters: Current Kamehameha Kapalama High School students and Tech Club**

Students will present for teachers some of their ideas of how technology could be used in the classroom. They will talk about what teachers could do and demonstrate how it would work. Here from our students how they would like to see teachers integrating technology into the classroom. If you like any of the ideas they could work with to train you on how to do it and help you integrate it into your classroom.



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#### **TECHNOLOGY INTEGRATION-GETTING STARTED**

**Presenter: Melia Tauvela-ES-i Team/ITRT**

Come and meet teaching in the 21st Century where good teaching is enhanced with the use of good technology integration. In this session, you will learn how to start integrating technology in ways that are curriculum-based, meaningful, and engaging for both you and your students from your very own colleagues who have pioneered their own technology integration paths. Expect to walk away with valuable technology integration tools such as a research-based technology integration template, a few tried and true “how-to’s” on how to go from ground zero to “Movin’ and Groovin’”, and project based assessment rubrics to help you get started integrating technology into your curriculum right away.

#### **THE BLENDED ENVIRONMENT**

**Presenter: Jim Uyeda (Apple)**

General technology innovation is occurring at blinding speed. Technology innovation for educational use is exploding. This session will look at some of the recent innovations using Apple computers and touch devices (iPod, iPhone and iPad) in a “Blended Environment” that impact education and can transform teaching and learning. In this session, we will look at schools with students who are thriving in the one-to-one laptop environment, schools that have pioneered the use of blended technologies and the successes that have enjoyed. Also in this session, we will discuss laptops vis a vis touch devices for content creation and content “consumption” respectively and how they work together to provide rich content to students, teachers and parents alike.

#### **THE NEW TECHNOLOGY NETWORK MODEL FOR INTEGRATING COMPUTER TECHNOLOGY AND PROJECT-BASED LEARNING**

**Presenter’s Name: Darin Piliialoha, Principal of Nānākuli High and Intermediate School and members of his staff.**

The 21st Century Golden Hawks Academy at Nānākuli High and Intermediate School is in its first year of implementing the New Technology Network model of integrating computer technology with project-based learning. To date there are 62 schools across the nation that have adopted this model and the program at Nānākuli is the first of its kind in Hawai‘i. Come and hear firsthand how the model is being used to strengthen student engagement and learning, not only for content mastery but, importantly, for the development of skills vital to success in the 21st Century.



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## **USING SOCIAL NETWORKS-LIKE FACEBOOK AND BLOG IN YOUR CLASSROOM**

**Presenters: Lionel Barona Wendie Burbridge, Lionel Barona Allen Vinta**

Social Networks- like Facebook and Blogs-- in your classroom can help you more than you possibly could tweet about. Come and learn about all the ways you can utilize the apps and programs that students are spending their time on and make it work for YOU. Go where the students are, instead of always expecting them to come to you. Join us for some information and tips on how to use Social Networks to improve communication and lessons with your students.

## **VENTURING INTO THE CLOUDS: USING WEB 2.0 TOOLS TO MEET THE NEEDS OF THE 21ST CENTURY LEARNER.**

**Presenter: Jeff Piontek (Hawaii Technology Academy)**

The Future of Cloud Computing: Innovation, Service, Sustainability, Performance and how it affects Educational Outcomes for our Students.

Economic uncertainty and competitive pressures are fundamentally raising performance demands in all aspects of education. From students and teachers to parents and administrators, the pressure to succeed has never been greater. Success hinges on developing talent to focus on innovation and growth in the global economy. Businesses are now basing their trust and focus on cloud technologies because they offer freedom, reduced cost, and sustainability, whereas education has not. This keynote intends to show advantages of simplification and standardization to support utilizing the cloud to its fullest potential in an educational setting.

## **WEB 1.0, 2.0, 3.0 AN WEB YOU.0**

**Presenter: Jeff Piontek (Hawaii Technology Academy)**

The web and internet is more prevalent today than ever before. From education to work to daily activities, technology has been infused throughout our lives. How do we prepare our students to be digital learners and global citizens?

This session will allow educators to learn about the latest tools and resources to support their learning and their students' learning in becoming global citizens. We will explore materials for integration into all content areas and for all level of learners. Resources will be disseminated and participants will create a blog will be created.



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## **WEBSITE IN A SNAP? Checkout the Power of KS Blogs A Quick Reference Guide to What's New, What's Different and What's Gone!**

**Presenter: Nate Javellana-ES-i Team/ITRT**

Come learn the power of KS blogs, an online Web 2.0 tool that you can use to create a web site for your class. Learn how to design a personalized layout, create a post and attach media to share with others. (Please Note: Registration is required to assure that your blog account will ready for this hands-on session)

Connect with your friendly neighborhood ITRT for more information.

## **WHAT'S NEW IN BLACKBOARD 9-A Quick Reference Guide to What's New, What's Different and What's Gone!**

**Presenter: Tim Freitas- ES-i Team/ITRT**

Why is KS upgrading to Blackboard 9? (Beginning Fall 2011)

Blackboard 9 features easier navigation and fewer clicks to complete course setup. Blackboard 9 uses Web 2.0 technologies that allow you to drag and drop items that appear on the screen, select from drop-down menus, and access contextual help. Improved social learning such as blogs and journals, easier navigation and other Web 2.0 technologies allow greater interactivity and collaboration. The graphics are much improved. Blackboard 9 makes good use of color to highlight your choices as you build your courses.