

# KŪKULU KAIĀULU

"Building Global Communities"

June 5 & 6, 2012

Neal Blaisdell Center

Honolulu, Hawai'i

An Education Technology Conference  
for educators

Presented by  
Kamehameha Schools  
Information Technology Division

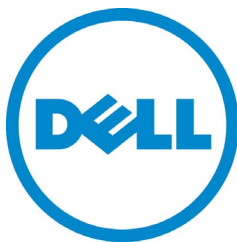


# CONFERENCE SCHEDULE

Kūkulu Kaiaulu: KS Educational Technology Conference 2012  
June 5–6, 2012 • Neal Blaisdell Center • Honolulu, Hawai'i

# 2012 CONFERENCE SPONSORS

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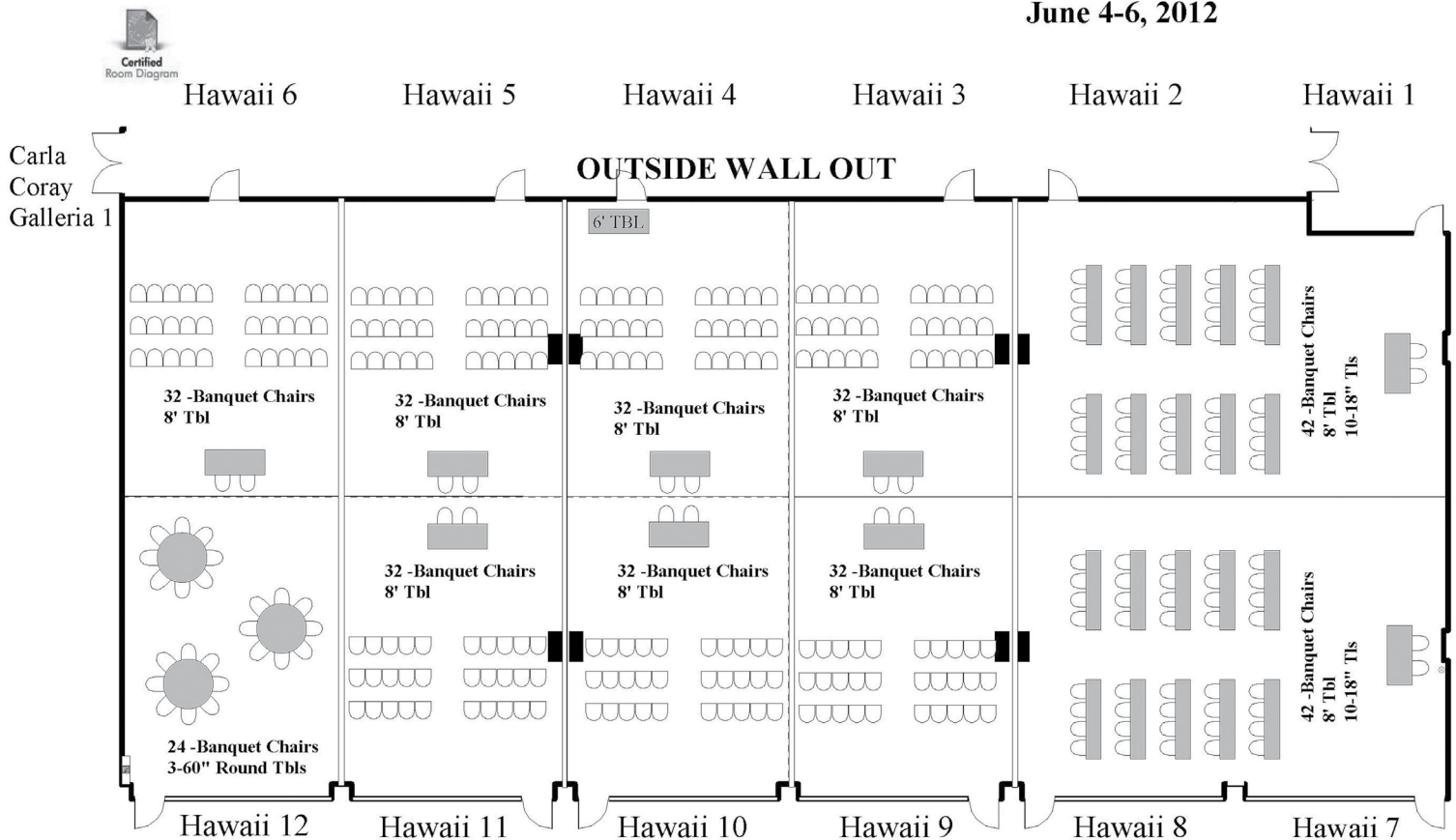


**PEARSON**

# 2012 CONFERENCE MAP & INFO

## Hawaii Suites

KS ED TECH MEETING  
June 4-6, 2012



Parking is \$6 per day for conference participants.

Note: Hawai'i Room #6 (a.k.a. "Gimme A Break Room") will be available throughout the conference for attendees to use for breaks.

To download the conference App for your mobile device, go to:

[http://eventboardmobile.com/download\\_web.html](http://eventboardmobile.com/download_web.html)

Please visit our conference website for the latest updates on our conference and to complete session evaluations. We value your feedback!

<http://blogs.ksbe.edu/edtechconference2012/>

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# 2012 CONFERENCE ITINERARY

## Tuesday • June 5

8am – 9am	Conference Check In / Continental Breakfast
9am – 10:30am	Welcome / General Session 1: Will Richardson
10:30am – 10:45am	Break
10:45am – 11:45am	Breakout Session #1
11:45am – 1pm	LUNCH BREAK
1pm – 2pm	Breakout Session #2
2pm – 2:15pm	Break
2:15pm – 3:15pm	Breakout Session #3
3:15pm – 3:30pm	Break
3:30pm – 4pm	Wrap Up

## Wednesday • June 6

7am – 8am	Conference Check In / Breakfast
8am – 9am	General Session 2: Dr. Michael Wesch
9am – 9:15am	Break
9:15am – 10:15am	Breakout Session #4
10:15am – 10:30am	Break
10:30am – 11:30am	Breakout Session #5
11:30am – 12:45pm	LUNCH BREAK
12:45pm – 1:45pm	Breakout Session #6
1:45pm – 2pm	Break
2pm – 3pm	General Session 3: Jason Martin
3pm – 3:30pm	Wrap Up

# GENERAL SESSION SPEAKERS



## WILL RICHARDSON

A parent of two middle school aged children, Richardson has been thinking and writing about the intersection of social online learning networks and education for the past 10 years at [Weblogg-ed.com](http://Weblogg-ed.com), in numerous journals and magazines such as *Ed Leadership*, *Education Week* and *English Journal*, and most recently at [willrichardson.com](http://willrichardson.com). He is an outspoken advocate for change in schools and classrooms in the context of the diverse new learning opportunities that the Web and other technologies now offer.

A former public school educator for 22 years, he is co-founder of Powerful Learning Practice ([www.plpnetwork.com](http://www.plpnetwork.com)), a unique professional development program that has mentored more than 5,000 teachers worldwide in the last five years.

He has had the opportunity to speak and work with tens of thousands of educators in more than a dozen countries about the merits of online learning networks for personal and professional growth. He is also a national advisory board member of the George Lucas Education Foundation, and a regular columnist for *District Administration Magazine*.



## DR. MICHAEL WESCH

- Coffman Chair for University Distinguished Teaching Scholars
- Associate Professor of Cultural Anthropology and Digital Ethnography
- 2008 U.S. Professor of the Year

Dubbed “the explainer” by *Wired* magazine, Dr. Michael Wesch is a cultural anthropologist exploring the effects of new media on society and culture. After two years studying the implications of writing on a remote indigenous culture in the rain forest of Papua New Guinea, he has turned his attention to the effects of social media and digital technology on global society. His videos on culture, technology, education, and information have been viewed over 20 million times, translated in over 20 languages, and are frequently featured at international film festivals and major academic conferences worldwide. Wesch has won several major awards for his work, including a *Wired* Magazine Rave Award, the John Culkin Award for Outstanding Praxis in Media Ecology, and he was recently named an Emerging Explorer by National Geographic. He has also won several teaching awards, including the 2008 CASE/Carnegie U.S. Professor of the Year for Doctoral and Research Universities.



## JASON MARTIN

Jason Martin has more than 13 years of experience in the Information Security field and serves as the President and CEO of Secure DNA, a Honolulu-based IT security firm with customers throughout the U.S. Mainland and Asia. Prior to joining Secure DNA, he provided expert security consulting services to Fortune 100 companies as part of KPMG’s national information security team and has extensive technical and regulatory experience covering various industries including education, banking, insurance, biotech, manufacturing, transportation, real-estate, healthcare, and hi-tech. Jason is a University of Hawaii graduate, holds several advanced security certifications, serves on the board of Hawai'i’s Infragard chapter, and is a co-founder of the Shakacon security conference.

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# 2012 GENERAL SESSIONS

## Learning in a Networked World: For Ourselves and For Our Students

Will Richardson / GS1 • Tuesday, 9 a.m.–10:30 a.m.

If we have access and the skills to take advantage of it, the Web gives us an easy connection to the people and the resources that we need to learn whatever we want to learn, when we want to learn it. That fact challenges the fundamental beliefs that we've held about schools and teaching and learning for more than 100 years. As our students graduate into a fast-changing, globally networked world, what assumptions do we need to reconsider about how to best prepare them for their futures? How can each one of us begin to change our own learning practice to better model these new opportunities for our students? And what new challenges do we have to overcome to make sure the idea of school remains relevant in the networked world in which our students will live.

## The End of Wonder in the Age of Whatever

Dr. Michael Wesch / GS2 • Wednesday, 8 a.m.–9 a.m.

New media and technology present us with an overwhelming bounty of tools for connection, creativity, collaboration, and knowledge creation — a true "Age of Whatever," where anything seems possible. But any enthusiasm about these remarkable possibilities is immediately tempered by that other "Age of Whatever" — an age in which people feel increasingly disconnected, disempowered, tuned out, and alienated. Such problems are especially prevalent in education, where the Internet (which must be the most remarkable creativity and collaboration machine in the history of the world) often enters our classrooms as a distraction device.

It is not enough to merely deliver information in traditional fashion to make our students "knowledgeable." Nor is it enough to give them the skills to learn, making them "knowledge-able." Knowledge and skills are necessary, but not sufficient. What *is* needed more than ever is to inspire our students to wonder, to nurture their appetite for curiosity, exploration, and contemplation, to help them attain an insatiable appetite to ask and pursue big, authentic, and relevant questions, so that they can harness and leverage the bounty of possibility all around us and rediscover the "end" or purpose of wonder, and stave off the historical end of wonder.

## Surfing with Sharks

Jason Martin / GS3 • Wednesday, 2 p.m.–3 p.m.

Drive-by-malware sites are the most prevalent attack vector for spreading viruses on the Internet today. Cybercrime has grown in size and sophistication in the past few years, with larger and more resilient botnets leading to record levels of spam, credit card theft, and banking fraud. Today we'll provide an inside look into the modern malware industry: how online criminals leverage vulnerable web applications, ads, and search engine poisoning to funnel traffic to drive-by-malware sites; the commercialization of exploit kits and bot packs and their role compromising everyday users; and just how easy it is to purchase and setup your own botnet. Highlighting the talk will be live demonstrations of one of the most popular exploit kits still in use today, the notorious BlackHole exploit pack responsible for more than 95% of all malicious URL infections in 2011.

# 2012 BREAKOUT SCHEDULE

## Tuesday • June 5, 2012

	<b>BREAKOUT #1</b> 10:45 a.m. to 11:45 a.m.	<b>BREAKOUT #2</b> 1 p.m. to 2 p.m.	<b>BREAKOUT #3</b> 2:15 p.m. to 3:15 p.m.
<b>Pikake Room</b>	<b>Teaching in iPadded Room: Apple's iOS Device Delights &amp; Dilemmas in the Classroom</b> Jim Crum, Mark Hines, Kahele Keawe, Lynne Horiuchi, Tedd Landgraf, Josh Reppun	<b>Building Personal Learning Networks</b> Will Richardson	<b>Inspiring Connections: Using New Media to Create Authentic &amp; Engaging Collaborative Learning Environments</b> Dr. Michael Wesch
<b>Hawai‘i #1–2 Rms.</b>	<b>Mobile Devices &amp; Digital Content: The Impact on Learning &amp; Student Achievement</b> Dr. Dan McCormack	<b>iBooks Textbooks for iPad! (Part 1 of 2)</b> Nani Daniels, Dr. Dan McCormack	<b>iBooks Textbooks for iPad! (Part 2 of 2)</b> Nani Daniels, Dr. Dan McCormack
<b>Hawai‘i #3 Room</b>	<b>From Angry Birds to Skyrim: What Game Dynamics Teach Us About Learning</b> Douglas Kiang	<b>Classroom Impact: The Lab School @Punahou</b> Casey Agena, Tedd Landgraf, Chase Mitsuda	<b>Systems Management Nirvana</b> Katie Wiederholt
<b>Hawai‘i #4 Room</b>	<b>Poetry Fusion: The Key to 21st Century Skills</b> Kerri Schweibert	<b>The Flipped Classroom</b> Joshua Winter, Yasmin Saban	<b>Cyber Bullying: Who is Responsible?</b> Adrian Allan
<b>Hawai‘i #5 Room</b>	<b>Finding Student Voice Through Web 2.0</b> Billie Napoleon	<b>Using The Adobe Creative Suite to Produce Industry Standard Digital Media</b> Elizabeth Garrison	<b>Educating Student Global Leaders</b> Wendi Kamiya, Chai Reddy
<b>Hawai‘i #7–8 Rms.</b>	<b>iPads: From Consumption to Creation</b> Steve Johnson	<b>Nurturing Collaboration, Creation, &amp; Publication in Today's Digital Classroom</b> Steve Johnson	<b>Edmodo: A Social Network for Education</b> Liz Castillo
<b>Hawai‘i #9 Room</b>	<b>Protecting Yourself and Others in a Digital Age</b> Jason Martin	<b>Jungle to Jungle: Virtual Field Trips to the Wildest Places on Earth</b> Amanda Wilson, Jill Pridemore	<b>A Model for Faculty Self-Evaluation of Web 2.0 and Social Media Site Risks</b> George Sowell
<b>Hawai‘i #10 Room</b>	<b>School-Wide Teacher Blogs: Building Relationships Thru Communication, Collaboration, and Creativity</b> Carmen Richardson, Liana Iaea-Honda	<b>The 5 C's of Teaching and Learning in 2012</b> Melia Tauvela	<b>Discovering the Possibilities: A Teacher-Led iPad PLC</b> Carmen Richardson, Ellen Cordeiro
<b>Hawai‘i #11 Room</b>	<b>Challenge-Based Learning: Taking Action on Sustainability</b> Liz Castillo, Christy Mishina	<b>Digitizing Hawai‘i and Pacific Resources for 21st Century Haumana</b> Kawika Makanani	<b>The Benefits of Web 2.0 &amp; Social Networking in Schools: Principals Setting the Example</b> Dwayne Priester

# 2012 BREAKOUT SCHEDULE

## Wednesday • June 6, 2012

	<b>BREAKOUT #4</b> 9:15 a.m. to 10:15 a.m.	<b>BREAKOUT #5</b> 10:30 a.m. to 11:30 a.m.	<b>BREAKOUT #6</b> 12:45 p.m. to 1:45 p.m.
<b>Pikake Room</b>	<b>Create an Inspiring Video With Your Students in 1 Hour or Less</b> Dr. Michael Wesch	<b>This is Not a Unit: Eight Shifts for Every Classroom</b> Will Richardson	
<b>Hawai‘i #1–2 Rms.</b>	<b>Creating Digital Content (Part 1 of 2)</b> Nani Daniels, Dr. Dan McCormack	<b>Creating Digital Content (Part 2 of 2)</b> Nani Daniels, Dr. Dan McCormack	<b>Mobile Devices &amp; Digital Content: The Impact on Learning &amp; Student Achievement</b> Dr. Dan McCormack
<b>Hawai‘i #3 Room</b>	<b>Teaching Game Design Using Inform7</b> Douglas Kiang, Mary Kiang	<b>The Benefits of Web 2.0 &amp; Social Networking in Schools: Principals Setting the Example</b> Dwayne Priester	<b>The 21st Century Learning Environment: A Case Study</b> Douglas Kiang
<b>Hawai‘i #4 Room</b>	<b>Why Ask Who, What, When, and Where? The Importance of Conducting Quality Needs Assessment Activities When Developing Technology Plans</b> Terry Kelly	<b>Moving Online Learning from Concept to Process to the First Day of School</b> Nick Gogno, Dorothy Hirata	<b>Hybrid BSCS Biology: Increasing the Rigor of a First Year Biology Course by Integrating Technology, Culture, &amp; Controversial Topics in Science</b> Mario Patino
<b>Hawai‘i #5 Room</b>	<b>Electronic Portfolios</b> Elizabeth Garrison	<b>Mobile Digital Storytelling</b> Nalani Naluai Noe Donahue	<b>Working SMARTer with SMART Tools</b> Terri Trevathan
<b>Hawai‘i #7–8 Rms.</b>	<b>Nurturing Collaboration, Creation, &amp; Publication in Today’s Digital Classroom</b> Steve Johnson	<b>Arc of Aloha: From Hawai‘i to Cuba and New York City</b> Cheri Keefer	<b>iPads: From Consumption to Creation</b> Steve Johnson
<b>Hawai‘i #9 Room</b>	<b>Protecting Yourself and Others in a Digital Age</b> Jason Martin	<b>A Model for Faculty Self-Evaluation of Web 2.0 and Social Media Site Risks</b> George Sowell	<b>The 5 C’s of Teaching and Learning in 2012</b> Melia Tauvela
<b>Hawai‘i #10 Room</b>	<b>WordPress: The No-Hassle Solution to Creating News &amp; School Websites</b> Kye Haina	<b>The Flipped Classroom</b> Joshua Winter, Yasmin Saban	<b>Meaningful Global Collaboration</b> Carmen Richardson
<b>Hawai‘i #11 Room</b>	<b>An Experiment in Individualized Global Learning: Reflections on Teaching in the Global Online Academy</b> Emily McCarren	<b>Connecting the Promethean ActivClassroom &amp; Common Core State Standards</b> Dave Kootman	<b>Jungle to Jungle: Virtual Field Trips to the Wildest Places on Earth</b> Amanda Wilson, Jill Pridemore



## BREAKOUT #1 SEMINAR DESCRIPTIONS

**Tuesday • June 5, 2012 • 10:45 a.m.–11:45 a.m.**

### Teaching in an iPadded Room: Apple's iOS Device Delights and Dilemmas in the Classroom

Jim Crum, Mark Hines, Kahele Keawe, Lynne Horiuchi, Tedd Landgraf, Josh Reppun [Academy of the Pacific, Iolani School, Kamehameha Schools, Mid-Pacific Institute, Punahou School, Kapa'a High School]  
Pikake Room

The evolution of the Apple iPad and recent release of iBooks Author purport to be ideal devices to foster 21st Century learning environments. However, it can quickly become a dizzying array of options and challenges to wade through to ensure these new tools accomplish the teaching goals. This panel of iPad early adopters from Hawai'i schools will answer questions about the realities of iPad integration and best practices for your school.

### Mobile Devices & Digital Content: The Impact on Learning & Student Achievement

Dr. Dan McCormack [Apple]  
Hawai'i Rooms #1–2

Come hear Dr. Dan McCormack, Education Development Executive at Apple, discuss the landscape of education in America today. Dr. McCormack will be exploring how students have evolved and how we as educators must as well. He will discuss Apple's latest research into student-behaviors, how technology is impacting the way students learn, and how we as educators can use technology to tap in to these developments.

### From Angry Birds to Skyrim: What Game Dynamics Teach Us About Learning

Douglas Kiang [Punahou School]  
Hawai'i Room #3

What makes games addictive? What makes learning fun? What skills do we learn while playing games, and how can we make our learning environments more engaging, fulfilling, and rewarding for our students? Participants will explore the top five most powerful game dynamics, and learn the secrets of how to incorporate them into your own classroom.

### Poetry Fusion: The Key to 21st Century Skills

Kerri Schweibert [Assets High School]  
Hawai'i Room #4

As we approach the 21st century, our students face a future that requires a set of skills that are not adequately addressed in traditional school curriculums. In Daniel Pink's book, *A Whole New Mind*, he states, "[Right brained] aptitudes so often disdained and dismissed...will increasingly determine who soars and who stumbles" (27). Poetry is the ideal vehicle to help students attain and utilize Pink's six senses: Design, Story, Sympathy, Empathy, Play, and Meaning; however, poetry is daunting to both students and teachers alike. But introducing poetry into one's classroom is easier than one would think, and the results can be astonishing. In this session, the presenter will share how you can integrate poetry into your curriculum utilizing technology, as well as how high school students can be transformed by its influence.

### Finding Student Voice Through Web 2.0

Billie Napoleon [Mid-Pacific Institute]  
Hawai'i Room #5

The use of web 2.0 applications and social media in Language Arts can help students find their voice, giving them dynamic venues to share their thoughts, express their opinions, and demonstrate their learning.

### iPads: From Consumption to Creation

Steve Johnson [Steve Johnson Consulting]  
Hawai'i Rooms #7–8

iPads are rapidly making their move into schools. How can we as educators make sure we are using these devices in truly transformational ways? How can we make sure we are promoting critical thinking while integrating the iPad into our lessons?

### Protecting Yourself and Others in a Digital Age

Jason Martin [Kamehameha Schools ITD]  
Hawai'i Room #9

Have you ever wondered what the security professionals do to keep themselves safe while surfing the Internet, using mobile devices, or the wireless network at your local coffee shop? Come join Jason Martin, Mgr. of Information Security for Kamehameha Schools as he walks you through the tips and tricks you can use to safeguard your digital identity and protect yourself against cybercriminals.

### School-wide Teacher Blogs: Building Relationships through Communication, Collaboration, and Creativity

Carmen Richardson, Liana Iaea-Honda [Kamehameha Schools, Hawai'i]  
Hawai'i Room #10

Learn how Kamehameha Schools Hawai'i elementary school enhanced communication between teachers, students, and families within three years through the use of school-wide teacher blogs which ultimately led to a transformation in the culture of the school and the building of a global perspective. Participants will learn about the variety of ways teachers are using blogs to engage students and families. Participants will leave with an understanding of how they can incorporate blogging in their own setting. Real examples of how school-wide blogging has enhanced the following areas will be discussed: (1) Educational leadership (teachers teaching teachers; students teaching students; students teaching teachers); (2) Professional development (Web 2.0 tools for teachers); (3) Communication (sharing w/ students, families and colleagues, other schools/teachers, and a global community); (4) Collaboration (teacher to teacher, teacher to families, teacher to students, teacher and students to global community).

**Tuesday • June 5, 2012 • 10:45 a.m.–11:45 a.m.**

## **Challenge-Based Learning: Taking Action on Sustainability**

Liz Castillo, Christy Mishina [Kamehameha Schools, Kapālama]  
Hawai'i Room #11

Find out how Challenge-Based Learning and various technology tools helped our students learn about and take action on sustainability issues. During this session, we will share how we have used Challenge-Based Learning and an integration of various technology tools through our 1:1 laptop program to teach the topic of sustainability. We will share how technology has helped our students to create innovative projects and take action on solving real-world problems. Various student projects and examples will be shared, including: videos, web 2.0 tools, and lesson ideas.

## BREAKOUT #2 SEMINAR DESCRIPTIONS

Tuesday • June 5, 2012 • 1 p.m.–2 p.m.

### Building Personal Learning Networks (PLNs)

Will Richardson  
Pikake Room

Learning is social, we've all known that. Now with the Web, it's globally social. To flourish as learners in a connected world, we need a network — one that we can trust, one that we can turn to when we need answers or inspiration or direction. While we've always crafted these "Personal Learning Networks" in our face-to-face spaces, the literacies of doing so online are a bit more nuanced and complex. This session looks at what PLNs are, how they can influence our learning lives and future success, how to begin to construct them using various Web tools, and what the implications are for our students, our schools and our professional practice. We'll also look at how diversity, balance and safety enter into the learning equation online.

### iBooks Textbooks for iPad! (Part 1 of 2)

Nani Daniels, Dr. Dan McCormack [Apple]  
Hawai'i Rooms #1–2

This hands-on session will explore the new multi-touch textbooks on the iPad. Come experience the interactive diagrams, photos, videos, 3D objects and assessments that allow students to actively engage in course content, with no problem carrying them wherever they go.

### Classroom Impact: The Lab School @Punahou

Casey Agena, Tedd Landgraf, Chase Mitsuda [Punahou School]  
Hawai'i Room #3

In this presentation, participants will be presented with a professional development opportunity that make 21st Century teacher education "hands-on and applicable." Lab School is a two-week professional development program for teachers focused on the use of technology in education. The program not only helps teachers to integrate technology into their curriculum, but also allows them to reflect on the future of teaching and to create learning environments that best meet the needs of their students. One example that will be presented is Lab School's exploration of iPad use in the classroom at Punahou School.

### The Flipped Classroom

Joshua Winter, Yasmin Saban [St. Andrew's Priory School]  
Hawai'i Room #4

The flipped classroom is a new approach to maximizing classroom time by using technology to "flip" the traditional model of teaching so that lectures are offered outside of class, and homework is done in class. With teacher-created videos and interactive lessons, instruction that used to occur in class is now accessed at home, in advance of class. Class becomes the place to work through problems, advance concepts and engage in collaborative learning. Most importantly, all aspects of instruction can be rethought to best maximize the scarcest learning resource of all—time.

### Using The Adobe Creative Suite to Produce Industry Standard Digital Media

Elizabeth Garrison [St. Anthony School]  
Hawai'i Room #5

Students wanting to explore careers in digital media need to understand the industry standards, and Adobe Software has and remains the key component in this field. This session will demonstrate how the Adobe Creative Suite can be used to help students develop the skills they need to enter today's technology-driven and global workforce. An overview of the key components such as Photoshop, Illustrator, InDesign, and Bridge will be demonstrated. Information on career and technical education (CTE) courses and the Adobe Certified Associate (ACA) program for students will be discussed. Attendees will leave this session with a clearer understanding of the importance of producing high quality digital media and the tools that are essential for higher education and the work force.

### Nurturing Collaboration, Creation, and Publication in Today's Digital Classroom

Steve Johnson [Steve Johnson Consulting]  
Hawai'i Rooms #7–8

How do we grow an environment of collaboration, creation, and publication? How should technology and digital tools fit into this equation?

In this session, we'll explore ways to make your classroom and school a breeding ground for meaningful collaboration, innovative creation, and powerful publication. Together we will actively build, tinker, experiment, reflect, connect, and share. We'll learn together how to create a learning environment that promotes these skills while using digital tools to enhance and amplify student experiences and empowerment. Above all, we will have fun learning together!

### Jungle to Jungle : Virtual Field Trips to The Wildest Places on Earth ([www.jungletojungle.org](http://www.jungletojungle.org))

Amanda Wilson, Jill Pridemore [It's All About Kids & Promethean]  
Hawai'i Room #9

In an age where endless tracts of information are outsourced to devices that live on our desks and in our pockets, the new frontier of education is no longer simple recitations; rather, it is hands-on, engaging, solution-oriented, creative exploration.

Education can be as stimulating and exciting to kids as video games and Facebook, but it requires a shift from seeing our children as merely vessels for facts and figures. They are explorers through fields of learning. Whether on another island or across the planet, given the right tools a student can both find answers to their questions and provide information to others. This is the essence of New Education, and it is the type of curriculum that Jungle to Jungle provides.

Breakout #2 Seminars continued from previous page . . .

**Tuesday • June 5, 2012 • 1 p.m.–2 p.m.**

## **The 5 C's of Teaching and Learning in 2012**

Melia Tauvela [Kamehameha Schools, Kapālama]

Hawai'i Room #10

Come and learn how students engage in project-based learning with online technology tools, create and curate eportfolios, and engage with Social Media as a way to brand their work for a global audience.

## **Digitizing Hawai'i and Pacific Resources for 21st Century Haumana**

Kawika Makanani [Kamehameha Schools ITD]

Hawai'i Room #11

The Hawai'i-Pacific Collection of the Midkiff Learning Center provides resources that help our haumana define themselves as Hawaiians. While the Collection includes classics handed down from our kupuna, we strive to share these resources with our `opio (and the world) via 21st Century technologies.

## BREAKOUT #3 SEMINAR DESCRIPTIONS

**Tuesday • June 5, 2012 • 2:15 p.m.–3:15 p.m.**

### Inspiring Connections: Using New Media to Create Authentic and Engaging Collaborative Learning Environments

Dr. Michael Wesch  
Pikake Room

From the massive success of Wikipedia to the virtual volunteer efforts in crises around the world, "crowdsourcing" and online collaboration have proven to be an effective means of working together. A wide variety of free tools are available to be leveraged to empower your students and even strangers around the world to collaborate with you to do research and solve real problems. In this seminar we will look at ways to use these tools, not just in a technical sense, but also in the "inspiring" sense of how to inspire effective cooperation to reach your goals.

### iBooks Textbooks for iPad! (Part 2 of 2)

Nani Daniels, Dr. Dan McCormack [Apple]  
Hawai'i Rooms #1–2

This hands-on session will explore the new multi-touch textbooks on the iPad. Come experience the interactive diagrams, photos, videos, 3D objects and assessments that allow students to actively engage in course content, with no problem carrying them wherever they go.

### Systems Management Nirvana

Katie Wiederholt [Dell KACE]  
Hawai'i Room #3

Balancing end-user demands with a limited budget and understaffed IT department isn't easy. Effectively managing multiple operating systems, hardware environments and remote sites/employees with a single, comprehensive solution will make your boss, your users and YOU happy. Now *that* is nirvana.

### Cyber Bullying: Who is Responsible?

Adrian Allan [Le Jardin Academy]  
Hawai'i Room #4

This presentation will discuss the issues and challenges of teaching students the ethics that are needed to handle their behavior on the internet. It will consider what the roll of schools should be in disciplining students, who use their access inappropriately to bully or harm their peers, their teachers and their institutions. It will discuss what are the causes of students, who would normally be considered to be good students, that result in them making poor choices and exhibiting poor behavior in their use of the social media. This presentation will not so much answer these questions but will invite the audience to share their ideas and thoughts on this very important issue.

### Educating Student Global Leaders

Wendi Kamiya, Chai Reddy [Punahou School]  
Hawai'i Room #5

Organized in 2010 around the theme of water and energy for 2011, the Student Global Leadership Institute builds on four decades of global students at Punahou School. The Institute's mission is to develop international youth leaders committed to common global challenges seeking to effect positive social change. Learn how an intensive on-site two-week summer program hosted at Punahou School with mentor teachers, and ensuing student-led projects engage communities and creates a cohort utilizing online networks. Take away useful and exciting activities, project design ideas and approaches.

### Edmodo: A Social Network for Education

Liz Castillo [Kamehameha Schools, Kapālama]  
Hawai'i Rooms #7–8

BYOD (Bring Your Own Device) to come and learn about Edmodo and set up your account. Edmodo is a free social networking tool designed especially for classrooms. This session will give an overview of how to incorporate Edmodo for creating a positive, safe, and educational PLN (personal learning network) in your classroom to enhance learning across any subject and grade level.

### A Model for Faculty Self-Evaluation of Web 2.0 and Social Media Site Risks

George Sowell [Kamehameha Schools ITD]  
Hawai'i Room #9

In the past many enterprises, including schools, tried to require advance approval of Web and Social Media sites prior to use. These "fences" protected staff and students but also inhibit innovation. This presentation describes an alternative "National Park" approach where access is less restricted but faculty can self-asses the risks and get assistance before using sites.

### Discovering the Possibilities - A Teacher Led iPad PLC

Carmen Richardson, Ellen Cordeiro [Kamehameha Schools, Hawai'i]  
Hawai'i Room #10

Participants will learn how we put iPads into the hands of teachers and transformed technology integration in the classroom through the development of a teacher lead PLC. Learn how teachers collaborated to increase engagement, inspire creativity, and ultimately empower students. Let us help you navigate through some of the challenges of integrating the iPad into a classroom setting as we discuss the ways in which our teachers are using the iPad, with a variety of apps, to enhance learning.

Breakout #3 Seminars continued from previous page . . .

**Tuesday • June 5, 2012 • 2:15 p.m.–3:15 p.m.**

## **The Benefits of Web 2.0 and Social Networking in Schools — Principals Setting the Example**

Dwayne Priester [Mid-Pacific Institute]

Hawai'i Room #11

Web 2.0 has caused a fundamental shift in the way we communicate, as well as how students learn and interact with information. That shift has and is changing the culture of education. If teachers are going to be prepared to meet the needs of their students now and in the future, principals must be prepared to pave the way. This presentation is designed to inform and engage principals about the advantages of implementing Web 2.0 in their schools.

## BREAKOUT #4 SEMINAR DESCRIPTIONS

**Wednesday • June 6, 2012 • 9:15 a.m.–10:15 a.m.**

### **Create an Inspiring Video With Your Students in One Hour or Less**

Dr. Michael Wesch  
Pikake Room

In this session you will be part of the creation of an engaging, thoughtful, perceptive, rich, and intriguing video and learn how you can create one with your students as well. Michael Wesch, the creator of multiple award-winning videos that have been viewed by millions will lead the session exploring and explaining what makes a great video great, and how easily you can make great videos with your students by creating one with the participants of the session.

### **Creating Digital Content**

Nani Daniels, Dr. Dan McCormack [Apple]  
Hawai'i Rooms #1–2

This hands-on session will explore a variety of tools on the Mac for creating digital content, including using Quicktime for basic media creation, using Pages to create ePub documents, and iBooks Author to create multi-touch interactive textbooks.

### **Teaching Game Design Using Inform7**

Douglas Kiang, Mary Kiang [Punahou School]  
Hawai'i Room #3

Designing a good game involves sketching and storyboarding, storytelling and testing. Inform7 is a free tool that allows kids to create text-based adventure games using a programming language that is easy to learn and understand. Discover how we used Inform7 with 4th graders and high schoolers, implementing a game design framework modeled after the real world, to engage them in a rich design process that promoted deep learning and understanding.

### **Why Ask Who, What, When and Where? The Importance of Conducting Quality Needs Assessment Activities When Developing Technology Plans**

Terry Kelly [Kamehameha Schools CBECE]  
Hawai'i Room #4

Community-Based Early Childhood Education (CBECE), with the support of KS' Instructional Services Center and IT, conducted a division-wide online needs assessment with more than an 80 percent return rate. This presentation will share the development of the instrument, actions to encourage participation, and plans for how to best utilize the results. The goal of the presentation is to emphasize the importance of soliciting staff input and identifying existing needs and resources before developing or implementing both an instructional and operational technology plan.

### **Electronic Portfolios**

Elizabeth Garrison [St. Anthony School]  
Hawai'i Room #5

Those attending this session will have the opportunity to learn how to use available online tools to produce student electronic portfolio. Topics will include how to create, implement, and manage a successful program. A variety of free online tools will be demonstrated to help build electronic portfolios. Content in the electronic portfolio such as student evidence and reflections will be discussed. Critical thinking, communication, collaboration, and creativity skills will be demonstrated through examples of student electronic portfolios.

### **Nurturing Collaboration, Creation, and Publication in Today's Digital Classroom**

Steve Johnson [Steve Johnson Consulting]  
Hawai'i Rooms #7–8

How do we grow an environment of collaboration, creation, and publication? How should technology and digital tools fit into this equation?

In this session, we'll explore ways to make your classroom and school a breeding ground for meaningful collaboration, innovative creation, and powerful publication. Together we will actively build, tinker, experiment, reflect, connect, and share. We'll learn together how to create a learning environment that promotes these skills while using digital tools to enhance and amplify student experiences and empowerment. Above all, we will have fun learning together!

### **Protecting Yourself and Others in a Digital Age**

Jason Martin [Kamehameha Schools ITD]  
Hawai'i Room #9

Have you ever wondered what the security professionals do to keep themselves safe while surfing the Internet, using mobile devices, or the wireless network at your local coffee shop? Come join Jason Martin, Manager of Information Security for Kamehameha Schools as he walks you through the tips and tricks you can use to safeguard your digital identity and protect yourself against cybercriminals.

## Wednesday • June 6, 2012 • 9:15 a.m.–10:15 a.m.

### WordPress: The No-Hassle Solution to Creating News and School Web Sites

Kye Haina [Kamehameha Schools, Maui]

Hawai'i Room #10

The presenter, Kye Haina, will share her experiences of creating an online student news presence using WordPress through the service provider School Newspapers Online. Using the Kamehameha Maui student news site and sites from other schools around the state and nation, she will demonstrate the various features and capabilities of a WordPress site for classes, parent-teacher organizations, and entire schools. It will also cover the basics, such as pricing and whom to contact. This workshop is beneficial to any teacher, adviser, or administrator with limited-to-no site building skills who wants to create a Web site for a class, school, or organization quickly, easily, and at a reasonable cost. With the plug 'n play nature of WordPress, a quality site is within the reach of anyone with a computer and Internet access. It's easy to navigate for students as well, creating new opportunities for student engagement with each other and a large community of readers.

### An Experiment in Individualized Global Learning: Reflections on Teaching in the Global Online Academy

Emily McCarren [Punahou School]

Hawai'i Room #11

This presentation will share the experiences of a teacher of an advanced level Spanish course taught online to students in independent schools who were founding members of the Global Online Academy. The course, "En Otra Voz, Perspectivas del Mundo Hispanohablante" (In Another Voice: Perspectives of the Spanish Speaking World), explored the current realities of Spanish-speaking countries and also allowed the students to identify and make plans for growth in their own use of Spanish. The result was a highly personalized and still collaborative global-learning environment.



## BREAKOUT #5 SEMINAR DESCRIPTIONS

**Wednesday • June 6, 2012 • 10:30 a.m.–11:30 a.m.**

### **This is not a Unit: Eight Shifts for Every Classroom**

Will Richardson  
Pikake Room

At a time when we have access to 2 billion potential teachers and a world of knowledge, we and our students need to begin to shift our learning practice in some significant ways. We need to be adept at reaching out to others, at parsing information, and at solving real problems, and more. This presentation covers eight of these shifts that we need to integrate into every class regardless of age or discipline.

### **Creating Digital Content**

Nani Daniels, Dr. Dan McCormack [Apple]  
Hawai'i Rooms #1–2

This hands-on session will explore a variety of tools on the Mac for creating digital content, including using Quicktime for basic media creation, using Pages to create ePub documents, and iBooks Author to create multi-touch interactive textbooks.

### **The Benefits of Web 2.0 and Social Networking in Schools — Principals Setting the Example**

Dwayne Priester [Mid-Pacific Institute]  
Hawai'i Room #3

Web 2.0 has caused a fundamental shift in the way we communicate, as well as how students learn and interact with information. That shift has and is changing the culture of education. If teachers are going to be prepared to meet the needs of their students now and in the future, principals must be prepared to pave the way. This presentation is designed to inform and engage principals about the advantages of implementing Web 2.0 in their schools.

### **Moving Online Learning from Concept to Process to the First Day of School**

Nick Gogno, Dorothy Hirata [Kamehameha Schools, ISC]  
Hawai'i Room #4

Kamehameha Schools, a large non-profit K-12 educational institution serving the native Hawaiian population, is transitioning its traditional classes into online learning course offerings. In this session, participants will discover the specific drivers behind this educational shift and learn some of the management techniques that can support success. Through learner-centered activities, this workshop session seeks to engage all participants in careful consideration of how to creatively balance stakeholder expectations within educational institutions as they transition further into the future of online learning.

### **Mobile Digital Storytelling**

Nalani Naluai, Noe Donahue [Kamehameha Schools, Kapālama]  
Hawai'i Room #5

Kamehameha Elementary School–Kapālama teachers will share how they create e-books and projects utilizing mobile devices such as iPhones, iPods, iPads, and Nooks. Using free or nearly free resources you will explore how to create digital stories that can be customized to the curriculum, be culturally relevant, and even personalized. Bring your own device or use one of ours and try it out!

### **Arc of Aloha: From Hawai'i to Cuba and New York City**

Cheri Keefer  
Hawai'i Rooms #7–8

Sharing of my Professional Development trip to Cuba in October 2011 to visit schools. I was one of 26 art teachers chosen to do research in Cuba on Art Education. Will share examples of outstanding "Global Art" just viewed in NYC at the NAEA Convention March 2012. Will also talk about motivating student awareness of global challenges in today's society and how to do creative multi-media art projects to communicate these challenges with others. There might be time in the session to have art materials available for attendees to create and express their feeling of "Building Global Communities."

### **A Model for Faculty Self-Evaluation of Web 2.0 and Social Media Site Risks**

George Sowell [Kamehameha Schools ITD]  
Hawai'i Room #9

In the past many enterprises, including schools, tried to require advance approval of Web and Social Media sites prior to use. These "fences" protected staff and students but also inhibit innovation. This presentation describes an alternative "National Park" approach where access is less restricted but faculty can self-assess the risks and get assistance before using sites.

### **The Flipped Classroom**

Joshua Winter, Yasmin Saban [St. Andrew's Priory School]  
Hawai'i Room #10

The flipped classroom is a new approach to maximizing classroom time by using technology to "flip" the traditional model of teaching so that lectures are offered outside of class, and homework is done in class. With teacher-created videos and interactive lessons, instruction that used to occur in class is now accessed at home, in advance of class. Class becomes the place to work through problems, advance concepts, and engage in collaborative learning. Most importantly, all aspects of instruction can be rethought to best maximize the scarcest learning resource of all — time.

Breakout #5 Seminars continued from previous page . . .

**Wednesday • June 6, 2012 • 10:30 a.m.–11:30 a.m.**

## **Connecting the Promethean ActivClassroom and Common Core State Standards**

Dave Kootman [It's All About Kids & Promethean]

Hawai'i Room #11

Foster greater understanding, longer retention AND have more fun! Come learn how to teach the Common Core Standards in your ActivClassroom and see the difference in student learning when we think about how communication, collaboration, inquiry and student-centered learning are fostered. See examples of great interactive lessons and learn how to create your own.

## BREAKOUT #6 SEMINAR DESCRIPTIONS

**Wednesday • June 6, 2012 • 12:45 p.m.–1:45 p.m.**

### **Mobile Devices & Digital Content: The Impact on Learning & Student Achievement**

Dr. Dan McCormack [Apple]  
Hawai'i Rooms #1–2

Come hear Dr. Dan McCormack, Education Development Executive at Apple, discuss the landscape of education in America today. Dr. McCormack will be exploring how students have evolved and how we as educators must as well. He will discuss Apple's latest research into student-behaviors, how technology is impacting the way students learn, and how we as educators can use technology to tap in to these developments.

### **The 21st Century Learning Environment: A Case Study**

Douglas Kiang [Punahou School]  
Hawai'i Room #3

The challenge was to "design an iPhone app that would be useful to our school community." I used a challenge-based learning approach to transform my classroom into a rich, student-centered, project-based learning environment in which students used video, iPads, and online tools to document their thinking and tell the story of their own learning. I will share tips, tools, and strategies for engaging students in the process of creating something difficult and worthwhile.

### **Hybrid BSCS Biology — Increasing The Rigor of a First Year Biology Course by Integrating Technology, Culture, and Controversial Topics in Science.**

Mario Patino [Kamehameha Schools, Hawai'i]  
Hawai'i Room #4

This presentation will provide you on insights on how using a hybrid format increases the "rigor" of a 1st year biology course. Rigor is a term used widely in education, but what does this term mean and what does it have to do with hybrid learning? In this presentation, you will be introduced to Dr. Robyn Jackson's (ASCD, MindSteps) definition of rigor and how integrating hybrid technology and culture knowledge is essential in promoting rigor. The presentation will center on teaching of a major theme in science which is associated with the controversy of genetic engineering.

### **Working SMARTer with SMART Tools**

Terri Trevathan [Maunawili Elementary School]  
Hawai'i Room #5

In this presentation, I will show teachers how to access the SMART Exchange (through the SMART Technologies website) and search, review, and download Notebook lessons to use in the classroom with their SMART Board. I will also show teachers how Notebook lessons can be modified to customize it to the needs of their students. Teachers are welcome to bring their laptops/flashdrives to bookmark websites, search, download, and share lessons. I will be happy to share any Notebook lesson(s), file(s), or resources I have as well.

### **iPads: From Consumption to Creation**

Steve Johnson [Steve Johnson Consulting]  
Hawai'i Rooms #7–8

iPads are rapidly making their move into schools. How can we as educators make sure we are using these devices in truly transformational ways? How can we make sure we are promoting critical thinking while integrating the iPad into our lessons?

### **The 5 C's of Teaching and Learning in 2012**

Melia Tauvela [Kamehameha Schools, Kapālama]  
Hawai'i Room #9

Come and learn how students engage in project-based learning with online technology tools, create and curate eportfolios, and engage with Social Media as a way to brand their work for a global audience.

### **Meaningful Global Collaboration**

Carmen Richardson [Kamehameha Schools, Hawai'i]  
Hawai'i Room #10

Attend this session and learn how students at Kamehameha Schools Hawaii Elementary School are collaborating with others at a local, national, and global level. Learn about different tools and how to leverage these tools to engage students and facilitate learning while also addressing the 21st century skills of creativity, critical thinking and problem solving, communication, and collaboration. Discover ways in which to engage with other educators to create purposeful exchanges which promote a global perspective and understanding in students.

### **Jungle to Jungle : Virtual Field Trips to The Wildest Places on Earth ([www.jungletojungle.org](http://www.jungletojungle.org))**

Amanda Wilson, Jill Pridemore [It's All About Kids & Promethean]  
Hawai'i Room #11

In an age where endless tracts of information are outsourced to devices that live on our desks and in our pockets, the new frontier of education is no longer simple recitations; rather, it is hands-on, engaging, solution-oriented, creative exploration.

Education can be as stimulating and exciting to kids as video games and Facebook, but it requires a shift from seeing our children as merely vessels for facts and figures. They are explorers through fields of learning. Whether on another island or across the planet, given the right tools a student can both find answers to their questions and provide information to others. This is the essence of New Education, and it is the type of curriculum that Jungle to Jungle provides.