



Ken "East3" Nishimura | Multi-Media Artist EAST 3

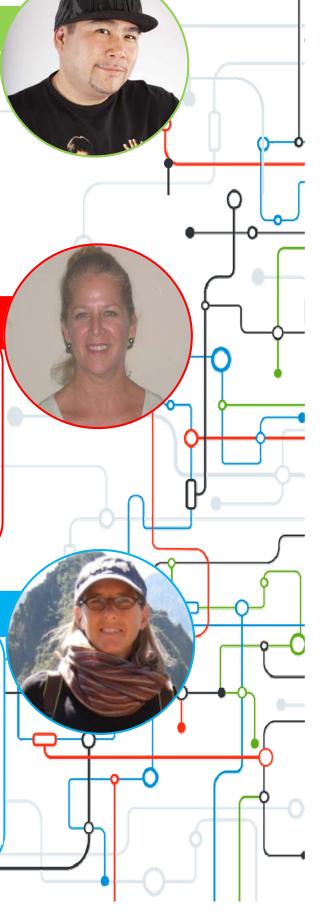
Ken "East-3" Nishimura is a multi-media artist from Honolulu, Hawaii with a strong background in brand design, graphic arts & murals. Ken has done graphic design and mural work for the Kid Robot (NYC), Adidas Originals (Soho), Dj Qbert & Thud Rumble (SF), Play Station Portable & UK B-Boy Championships, Rawkus Records, Clear Channel Broadcasting, & GQ Magazine and more. Currently, Ken is preparing for public mural works with Pow Wow Hawaii 2013 (Honolulu) and co-organized for Midnight Marauders Art Movement 2013 (Las Vegas). He is also working with numerous fashion and creative based brands as a designer, nationally as well as internationally.

Keolani Lindsey Noa | STEM Outreach & Native Coordinator UH Kapiolani Community College

Mrs. Keolani Lindsey Noa is currently the STEM Outreach, Indigenous Native Hawaiian and TCUP Coordinator at UH/Kapi'olani Community College's Science, Technology, Engineering and Mathematics Program. Prior to joining STEM, Keolani Lindsey taught Hawaiian Studies and Health for twelve years in Honolulu's private school sector. She is also certified in specialty education with Schools Attune, Oli, Ho'oponopono and Religious Education. Keolani holds a Bachelor of Science degree in Business Management which has prepared her for her life of service in community development, student affairs and facilitating cross-cultural awareness.

Allyson McDuffie | Program Manager Sketchup for Education

Allyson McDuffie manages the SketchUp for Education Program for 6 years while at Google, which took her to many parts of the globe spreading the SketchUp love to educators and students alike. While at Google, she was a co-organizer of the Geo Teacher Institutes and the project manager for 5 competitions where people from all over the world modeled their towns using SketchUp and geo-located those buildings in Google Earth for the world to view. She graduated from Ohio University with a BFA in Studio Art, and an MFA in Printmaking. Although an Ohio native, she has lived and worked in Boulder, Colorado for the past 21 years. She enjoys making art, hiking and skiing in the Rocky Mountains, and raising her 11 year old daughter, Avery, who is destined to save every animal on the planet.



About STEMworks™



Download Knowledge. Upload Service.

An innovative approach to **STEM education**

STEMworks[™] is an original program of the Maui Economic Development Board. Unlike any other class in Hawaii's middle and high school curriculum, STEMworks[™] is a multi-faceted, hands-on program where students get to use the most current, high-end technologies in actual service learning projects.

Becoming critical thinkers

Students join a STEMworksTM Lab not only to learn the latest science, technology, engineering and math (STEM) technologies, they also get to work with local industry partners to apply their skills to specific issues, gaining the satisfaction of knowing their efforts are contributing toward improving life on their respective islands.

Once a STEMworksTM team identifies an existing problem/ opportunity, each is tasked with creating a project design to customize and test their solution. During the process, they learn how to develop an industry partner relationship, provide an actual deliverable, and maintain an ongoing solution for the future.

Learning to Use Cool Tools

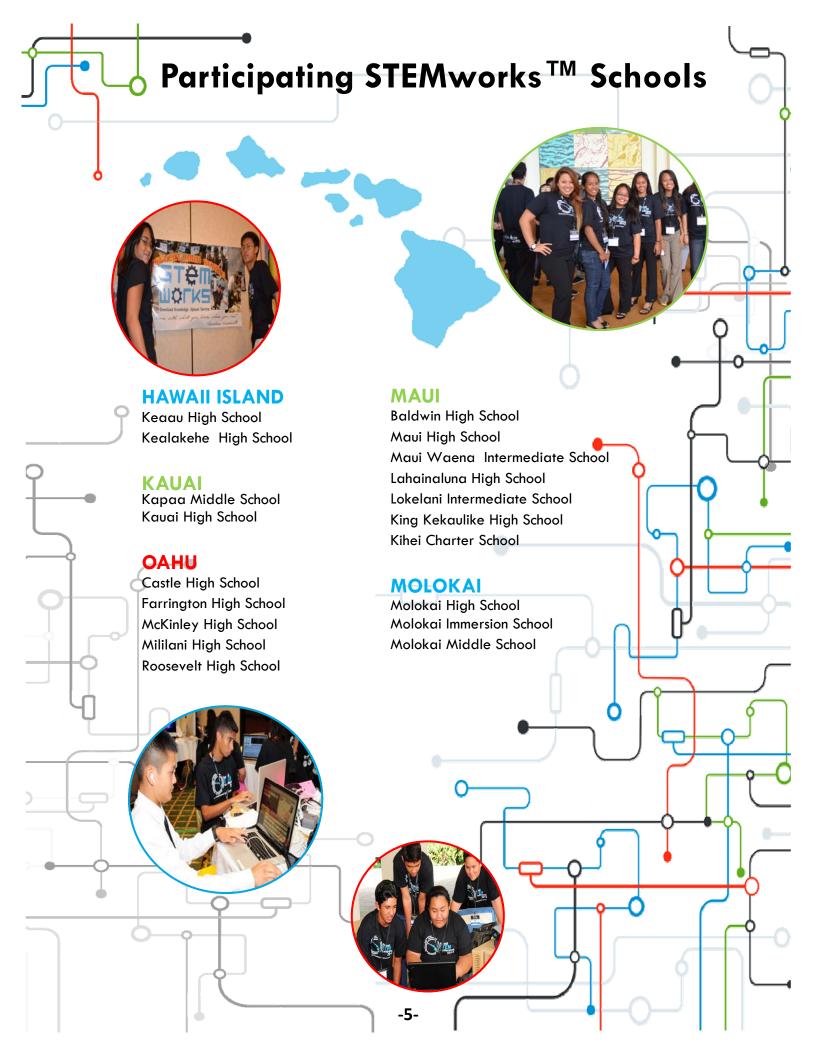
In tackling a range of challenges, STEMworks[™] students have the chance to develop relevant 21st century skill in:

- Animation
- Computer-aided design (CAD)
- Engineering design
- Visualization
- Database design



- Geographic Information Systems (GIS)
- Programming
- Office automation
- Global Positioning Systems (GPS)
- Webpage design





THURSDAY, APRIL 18

8:00 - 4:00pm 3C's Competition (Create, Communicate, Compete) | Lokelani II/III

FRIDAY, APRIL 19

8:00 - 9:00am Registration/Store Luggage | Aulani Foyer/Lokelani I

8:00 - 12:00pm 3C's Competition | Lokelani II/III

9:00 - 9:30am Booth Set-up | Aulani Ballroom

9:30 - 9:45am Welcome and Aloha | Aulani Ballroom

9:45 - 10:00am | Icebreaker | Aulani Ballroom

10:00 - 10:15am Video Competition Kickoff | Aulani Ballroom

BREAKOUT SESSIONS

10:00 - 12:00pm Photoshop/Illustrator Beginners | Pikake I

10:00 - 12:00pm | InDesign | Pikake II

10:00 - 12:00pm Game Design, Creativity with Prototypes | Breakout Room 4615

10:00 - 12:00pm Community Geography, Exploration & Mapping | Jade

12:00 - 12:30pm 5X5 Session | Aulani Ballroom





Inspire the next generation of STEM leaders & teachers

Motivate and share personal stories of your High Tech career

Encourage students to discover STEM career opportunities in Hawaii

Connect the dots between the classroom and the real-world

12:30 - 1:30pm LUNCHEON | Aulani Ballroom

BREAKOUT SESSIONS

1:45 - 2:45pm Island Energy Inquiry (IEI) - Power of Students | Breakout Room 4619

1:45 - 2:45pm Remote Sensing | Plumeria

1:45 - 3:45pm Art of Film Making | Awapuhi

1:45 - 3:45pm Micro/Meso/Arco Tech | Pikake II

1:45 - 3:45pm Community Geography, Exploration & Mapping | Jade

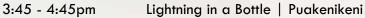
1:45 - 3:45pm Storytelling -Basic | Puakenikeni

1:45 - 4:45pm HTMLS for Games Breakout Room 4615



"The STEMworks, experience as a whole, was a turning point for me, as I was exposed to a field of technology that I was previously unaware of. Particularly SolidWorks helped me to realize my potential in working with technology and is one of the programs I hope to continue working on next year."

2:45 - 3:45pm	Fingerprinting Matter with Light Breakout Room 4617			
2:45 - 3:45pm	Mapping Made Easy Plumeria			
2:45 - 4:45pm	Photoshop/Illustrator Advance Puakenikeni			
2:45 - 4:45pm	Vector Voyage Vanda			
3:45 - 4:45pm	Fingerprinting Matter with Light Breakout Room 4617			



3:45 - 4:45pm Island Energy Inquiry (IEI) - Power of Students | Breakout Room 4619

6:00 - 7:45pm **Dinner** | Aulani Ballroom

Keynote Speaker, Ken "East 3" Nishimura, Multi-Media Artist

8:00 - 10:00pm Star Party | Rooftop



An evening under the stars with amateur astronomers and the Institute for Astronomy. Students will be dazzled with night sky discoveries.

SATURDAY, APRIL 20

7:30 - 8:30am Breakfast | Aulani Ballroom

BREAKOUT SESSIONS

8:30 - 4:00pm	Teacher Professional Development Workshop Various Locations			
8:30 - 9:30am	Island Energy Inquiry (IEI) – Power of Students Breakout Room 4619			
8:30 - 9:30am	Lightning in a Bottle Puakenikeni			
8:30 - 9:30am	Science of Ag Breakout Room 4617			
8:30 - 10:30am	Game Design, Creativity with Prototypes Breakout Room 4615			
9:00 - 11:30am	Program Impact Assessment Presentations Aulani Ballroom			
9:30 - 10:30am	Leadership Style Awapuhi			
9:30 - 10:30am	Science of Ag Breakout Room 4617			
9:30 - 11:30am	Pre Engineering in CAD - Beginners Plumeria			
9:30 - 11:30am	Micro/Meso/Arco Tech Pikake II			
10:30 - 11:30am	Body Lingo Bingo Awapuhi			
10:30 - 11:30am	Building Blocks of Video Puakenikenil			
11:30 - 12:30am	Lunch Aulani Ballroom			

"The highlight of STEMworks was attending the Hawaii STEM Conference. The experience of learning GIS, Animation and Game Design, Engineering, Renewable Energy and Technology in two days was a learning experience. It was a different view of education and opened many doors in my future."

Keynote Speaker, Keolani Lindsey Noa, STEM Outreach & Native Coordinator

University of Hawaii, Kapiolani Communiuty College

BREAKOUT SESSIONS

12:30 - 1:30pm Listen To Me | Awapuhi

12:30 - 1:30pm Lightning in a Bottle | Puakenikeni

12:30 - 2:30pm Vector Voyage | Aulani Ballroom

12:30 - 3:30pm HTMLS for Games | Breakout Room 4615

12:30 - 3:30pm Google - SketchUp, Earth & Urban Design | Various Locations

1:30 - 3:30pm Cybersecurity | Plumeria

1:30 - 3:30pm Digital Publishing | Pikake II

1:30 - 3:3 pm Storytelling- Advance | Pikake I

3:30 - 4:00pm Breakdown Booths | Aulani Ballroom

6:00 - 8:30pm Awards Banquet | Aulani Ballroom

Keynote Speaker, Allyson McDuffie, Program Manager

Sketchup for Education

Maui schools depart 8:45pm

10:00 Curfew







Download knowledge | Upload service

One of our goals for the 2013 Hawaii STEM Conference is to encourage as many participants as possible from all STEM/ Service Learning Labs across the islands. To accomplish this, we will host a number of student-centered competitions before and during the Hawaii STEM Conference.

Competitions

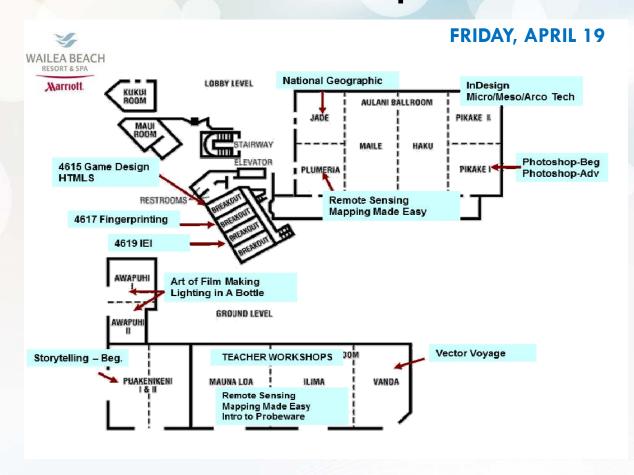
- **CAD Application Showcase**
- Geographic Information Systems (GIS)
- Video
- Music
- Game Design

- Poster Competition
- Web Design
- **Sketchup Urban Competition**
- **Program Impact Assessment**

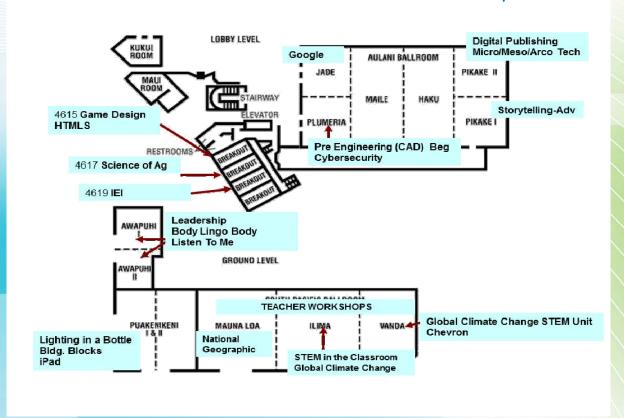


"What I've learned in STEMworks has helped me become more proficient in softwares beneficial to becoming more successful in schooling, and my career. Being exposed to so many different programs provided by the MEDB, and the STEMworks program has helped me to narrow down some of my fields of interest."

Session Maps



SATURDAY, APRIL 20





Art of Film Making

Career/College Options

Join film Industry professional Jess Cole, as she explores the world of filmmaking. Jess was a key part of the hit show LOST, and is leading the development of the new UHMC Digital Media program. Are you interested in working in the film industry? What does it take to get in the door? Jess will be conducting a hands-on session to share her insights and knowledge about the amazing world of film and related careers.

Presented by: Jess Cole

Body Lingo Bingo

Leadership

One of the most pervasive forms of communication is not the spoken word, but our body language. Body Lingo Bingo will explore non-verbal communication including body posture, gestures, eye contact and facial expressions. Learn how to walk into a room with confidence and read other people's body language. Ever wonder what it means when someone scratches his ear or fidgets with her necklace? Find out at Body Lingo Bingo.

Presented by: Alexis Dascoulias

Building Blocks of Video

Digital Media

Get your video project critiqued by an expert! With over 10+ years of producing and directing videos professionally, six Emmy awards plus numerous local awards for his broadcast news work, John Allen of Waianae High School's Searider Productions will provide insightful suggestions to help take your work from good to great. Bring your videos on a DVD or flash drive in QuickTime format.

Presented by: John Allen III

Community Geography, Exploration and Mapping with National Geographic

Geography

Learn about citizen science -- how amateurs and non-professional scientists like yourself can collect data and contribute to many scientific projects around the world that need your help. Begin by participating in some interesting citizen science projects right here at the conference. Then explore the fascinating art of mapping by working with large maps of the United States and Hawaiian islands. See how reading and analyzing maps can help you better understand different places at home or abroad.

Presented by: Sean O'Connor

Cybersecurity

Computing

Have you heard of Ethical Hacking? Do viruses, DDoS attacks, or buffer overflows tickle your fancy? If so, you might consider becoming a legal hacker, aka an ethical hacker, "white hat" hacker, or penetration tester. This workshop will explain what ethical hacking is all about, why it is completely legal and in high demand by businesses and government organizations. Various hands-on exercises will demonstrate the tips and tricks of ethical hacking, something you can do at home! Finally, the workshop will differentiate between ethical hacking and illegal, "black hat" hacking which will (eventually) land you in jail! Come and learn about this emerging and important career profession.

Presented by: Debasis Bhattacharya

Digital Publishing

Digital Media

Learn how to create fun, interactive pages that are viewable on your iPad or mobile device. Session. InDesign introduced you to the basic tools, and taught you skills applicable to both and digital publishing. This session will expand on the skills learned in InDesign. It walks you through the process of creating an interactive digital publication that will be viewed and tested on an iPad/mobile device at the end of the class. NOTE: Prerequisite - InDesign

Presented by: Sara Asato

Fingerprinting Matter with Light

Optics

Scientists at the Maui Space Surveillance Site use light that emanates from space to study phenomena in space. One technique critical to the site's mission is spectroscopy -- the study of light interactions with the electronic structure of matter. The way light interacts with different types of matter is unique and can be used as a "fingerprint" to identify the matter. This course will teach you the fundamentals of spectroscopy and challenge you to conduct a short laboratory experiment utilizing spectroscopy.

Presented by: Stacie Williams, Skip Williams, and Curtis Peterson

Game Design, Creativity with Prototypes

Game Design

STUDENT BREAKOL

Learn the Game Design Cycle through physical prototypes. Session starts off with an introduction/discussion about the Game Design Industry & Cycle. Students will form teams to brainstorm, pitch ideas and create the strategy for building a fictitious videogame, board game (or any other type of media). Students will then mock up the game using various toys and existing physical materials and present their game idea to the group. The mocked-up game will be tested by peers and feedback will be given.

Presented by: Kelli Harada and Jon Borgonia

Google – SketchUp, Earth and Urban Design

Software Applications

Design a community together using Trimble SketchUp and Google Earth! This workshop is designed for students who already have some basic SketchUp and Google Earth skills. We'll decide together what area to develop/redevelop, contribute ideas on what things are important to include/exclude, and parse out areas to groups of 3-5 students to collaborate and design in SketchUp, with the final designs assembled and shown in Google Earth.

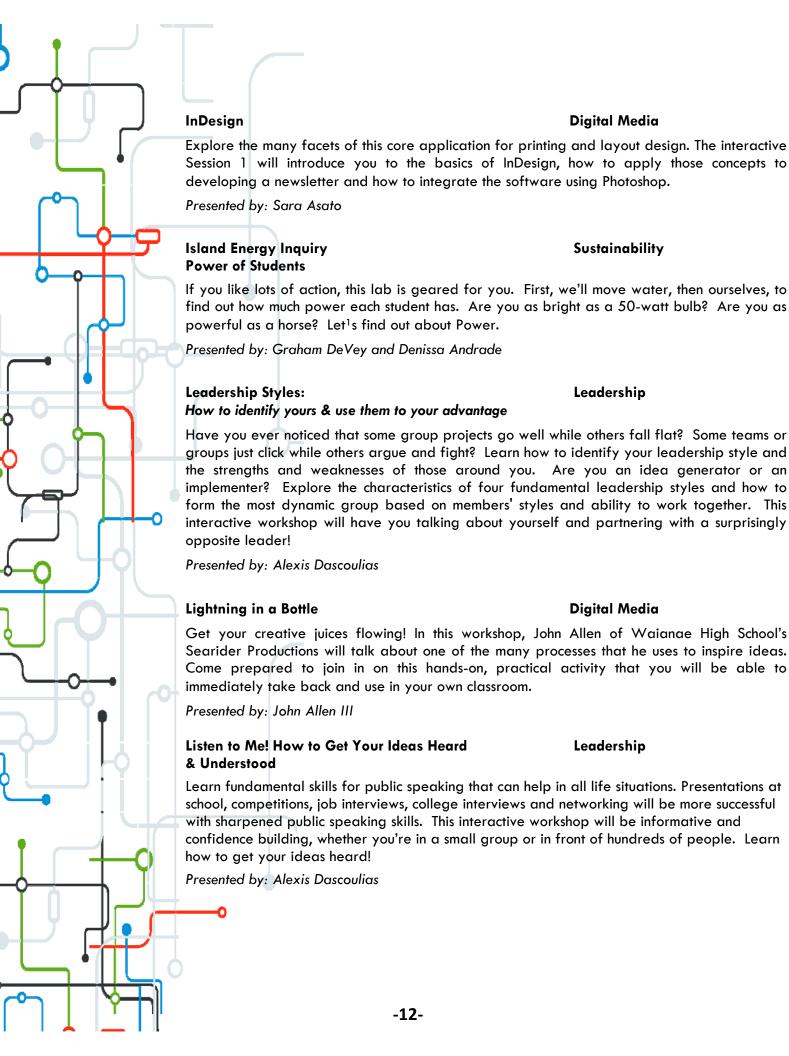
Presented by: Allyson McDuffie and Tina Ornduff

HTML5 for Games

Game Design

Get familiar with Code and Variables. Session starts off with an introduction/discussion about the Game Design Industry & Cycle. Students will be introduced to game code templates/snippets. Students will learn to edit variables and game code snippets and download their version of code to the computer. Students will import their own graphics to create a finalized "minigame."

Presented by: Kelli Harada and Jon Borgonia



Mapping Made Easy

GIS/GPS

Build your own customized map. Our database contains a comprehensive collection of items (layers) that can be customized, printed, saved, and even emailed and shared with your colleagues. Using publicly available data, we'll walk you through mapping out your own backyard or creating a special school project using ArcGIS Explorer online.

Presented by: Lisa Canale, Chris Nishioka, Nick Turner, Noe Puniwai

Micro/Mes. Arco-Tech A STEAM-driven Digital Fiction Project

Digital Media

The year is 2037. Hawai'i experiences the introduction of radical new technologies that solve an impending crisis but at the same time create new problems. In this innovative workshop, students will customize and develop a science fiction narrative based on science-based thinking, community consciousness and visualizations.

Integrating their creative writing skills with Sketchup (3D modelling), iBooks Author (digital book development) and Photoshop (2D digital imaging), participants will be encouraged to consider the future of Hawai'i at three levels: the *micro* (small), the *meso*(middle) and the *arco*(upper).

Presented by: David Goldberg

Photoshop/Illustrator - Beginners (PS)

Digital Media

This session will provide an exciting introduction to the design industry standard -- Adobe Photoshop. Topics to be covered: combining elements, layer styles, brushes, text tool, mask tools. Plus many more tips and tricks. Students who want to get started in graphic design and Web design are encouraged to sign up.

Presented by: Adrienne Sayno, Kevin Oliveros, Joyce Galapon, and Ryan Bartolome

Photoshop - Intermediate/Advanced (PS2)

Digital Media

Want to push your Photoshop skills to the next level but wondering how to do it? This intermediate session will build and expand upon a basic foundation in Photoshop technique Previous Photoshop knowledge is highly recommended.

Presented by: Adrienne Sayno, Kevin Oliveros, Joyce Galapon, and Ryan Bartolome

Pre-Engineering In 3D - Beginners

CAD

Discover Pre-Engineering and Design methods using 3D CAD. This hands-on session demonstrates how 3D Technology makes engineering & design interactive, transforming ideas into prototypes and products.

Presented by: Collin Kobayashi

STUDENT BREAKOL



Remote Sensing from Above

GIS/GPS

Have you ever taken a picture from an airplane? Or played with Google Earth? Satellites, aircraft and even UAV (Unmanned Aerial Vehicles) use Remote Sensing technology allow us to see invisible parts of the electromagnetic spectrum and study the earth remotely. Cameras that capture bands of light such as the infrared, thermal and ultraviolet provide us with images we can use to extract information to answer questions about the world around us. Join us and explore the different technologies used in Remote Sensing.

Presented by: Lisa Canale, Chris Nishioka, Nick Turner, and Noe Puniwai

Science of Ag

Career/College Options

In today's society, the challenge is to produce more food while protecting the soil and maintaining water supply. Discover agricultural solutions that combine conservation, education and innovation. Understand the role of technology within sustainable agriculture and how science can help farmers make informed choices. Session will feature hands-on activities and discussion. Learn about local agricultural training opportunities at UH-Maui College¹s Ag and Natural Resources Program and available student internships. If you are interested in agriculture and growing food more sustainably, this is the workshop for you!

Presented by: Cynthia Nazario-Leary

Storytelling - Basic

Digital Media

Learn basic composition shots, photo composition, sequencing and how to create a story treatment through this introductory digital media workshop. This two-hour session will include practical, hands-on group exercises that will provide students with an opportunity to practice the skills they learn. Each exercise will be followed by a critique session that enables students to see how they can improve their composition techniques.

Presented by: Kevin Matsunaga and Donn Yamamoto

Storytelling - Advanced

Digital Media

Challenging, hands-on instruction to learn advanced audio and video sequencing. This workshop teaches how to create videos that focus on capturing good audio and developing skills for advanced composition. The two-hour session will bring theory to practice and include group video exercises that will provide excellent opportunities to practice the skills learned.

Presented by: John Allen III and Luane Higuchi

Vector Voyaging

Navigation

Students will learn the basics of Polynesian Navigation or Wayfinding, by simulating a voyage around the grounds of the Wailea Mariott. Through the process, they will learn the fundamentals of the Hawaiian Star Compass, the navigational system of Ded Reckoning, and the significance of Vectors.

Presented by: Anela Benson

Educator Workshops

Hawaii educators at the 2013 Hawaii STEM Conference will have the opportunity to learn state-of-the-art software using high-tech educational tools. This two-day Professional Development Workshop will offer sessions led by industry leaders from local, national, and global companies/institutions such as Google, Sketch Up, National Geographic, EPSCoR, and more.

AGENDA

FRIDAY, APRIL 19

9:00 - 9:30am	Registration Aulani Ballroom Foyer
9:30 - 9:45am	Welcome and Aloha Aulani Ballroom
9:45 - 10:00am	Icebreaker with Alexis Aulani Ballroom
10:00 -10:30am	Activity with Alexis Mauna Loa/Ilima
10:30 - 11:30 am	EPSCoR — Remote Sensing Mauna Loa/Ilima
11:30 - 12:30pm	EPSCoR – Mapping Made Easy Mauna Loa/Ilima
12:30 - 1:00 pm	Lunch Aulani Ballroom
1:00 - 4:00 pm	Hawaii DOE STEM Resource Teachers's – Introduction to
	Probeware-LabQuest 2 Mauna Loa/Ilima

SATURDAY, APRIL 20

8:30 - 11:30 am Various Breakout Sessions | Locations listed on the agenda Lunch | Aulani Ballroom 11:30 - 12:30pm Keynote Speaker, Keolani Lindsey Noa, STEM Outreach & Native Coordinator, University of Hawaii, Kapiolani Communiuty College

12:30 - 4:30pm **Breakout Sessions | Various Locations**

PARTICIPATING SCHOOLS

Baldwin High School Farrington High School lao Intermediate School Kalama Intermediate School Kauai High School Kaunakakai Elementary Keaau Elementary School Keaau High School Kihei Public Charter School

King Kekaulike High School Lahaina Intermediate School Lahainaluna High School Lanai Elementary & High School Maui High School Maui Waena Intermediate School Pukalani Elementary School Mililani High School Molokai High School Molokai High School/Immersion

Molokai Middle School Molokai Middle School/Immersion Mountain View Elementary Pahoa High & Intermediate School Pomaikai Elementary School Roosevelt High School Sacred Hearts School Seabury Hall

St. Anthony Junior-Senior High School St. Francis School





Community Geography, Exploration, and Mapping with National Geographic

This informative session teaches educators how to work with maps and resources from the National Geographic Education website. Lots of hands-on activities will involve a tile map of Hawai'i, a U.S. map plus other free downloadable maps from the National Geo website. Participants will also use computers or laptops to create their own geo-tours using a large tiled map.

Presented by: Sean O'Connor

Building Blocks of Video

Get your work critiqued by an expert! With over 10+ years producing and directing videos, six Emmy awards and numerous local awards for broadcast news under his belt, John Allen of Waianae High School Searider Productions will provide insightful suggestions to help take your work from good to great. Bring your videos on a DVD or flash drive in QuickTime format. Presented by: John Allen III

Global Climate Change – A Practical Approach to a Difficult Subject

How do you begin to teach the complex problem of global warming to your students? This workshop will give you the relevant tools because it employs tried and true resources aligned with Hawaii State Science, Technology, and Math Standards along with equipment available for FREE. Participate in a survey designed to identify climate change facts from fiction, and discover how you can use it in your classroom. Explore the latest online tools developed by NOAA explicitly for classroom teachers. Sign up for this workshop and teach your students to become part of the solution.

Presented by: Maggie Prevenas and Sara O'Rouke

Global Climate Change STEM Unit

Come see how STEM is integrated into a Global Climate Change Unit. Use hands-on inquiry activities infused with math and technology.

Presented by: John Constantinou, Jeanine Takakura and Hawaii DOE STEM Resource Teacher's

Google – SketchUp, Earth and Urban Design

Design a community together using Trimble SketchUp and Google Earth apps! This workshop is designed for students who already have some basic SketchUp and Google Earth skills. We'll decide together what area to develop/redevelop, contribute ideas on what things are important to include/exclude, and parse out areas to groups of 3-5 students to collaborate and design in SketchUp. The final designs will be assembled and shown in Google Earth.

Presented by: Allyson McDuffie and Tina Ornduff

Hydrogen Fuel Cell Technology

This hydrogen fuel cell program is designed as a multidisciplinary curriculum with two hands on activities and a fuel cell simulation. This curriculum investigates the role hydrogen can play in meeting our energy challenges and the scientific basis for hydrogen as a fuel. Teachers will have an opportunity to use the hands on activities and model the curriculum opportunities.

Presented by: Dawn Johnson and Brian Kealoha

Incorporating the Innovative iPad

Chiefess Kamakahelei Middle School is continuously trying to innovate and integrate. Media teacher Kevin Matsunaga will share many different and fun ways to use the Apple iPad, discussing a few of the apps that can be used within the current curriculum to engage students and get them excited about learning.

Presented by: Kevin Matsunaga

Introduction to Probeware-LabQuest2

Looking for a dynamic, proven method to teach science? Vernier helps educators develop the next generation of scientists and engineers by putting easy-to-use Probeware technology, experiments and software into the hands of students, giving them the tools to analyze data and think like real scientists. In this session, you'll learn the basic features of the LabQuest 2, collect data using Probeware, review Vernier curriculum resources and participate in a LabQuest.

Presented by: Alan Nakagawa, Leslie Hamasaki, Jeanine Nakakura, John Constantinou and Linda Higashi

Lightning in a Bottle

Get your creative juices flowing! In this workshop, John Allen of Waianae High School's Searider Productions will talk about one of the many processes that he uses to inspire ideas. Come prepared to join in on this hands-on, practical activity that you'll be able to immediately take back and use in your own classroom.

Presented by: John Allen III

Mapping Made Easy

Build your own customized map. Our database contains a comprehensive collection of items (layers) that can be customized, printed, saved, and even emailed and shared with your colleagues. Using publicly available data, we'll walk you through mapping out your own backyard or creating a special school project using ArcGIS Explorer online.

Presented by: Lisa Canale, Chris Nishioka, Nick Turner, and Noe Puniwai

Island Energy Inquiry (IEI) - Phoning for Food

A hands-on, interactive teaching activity where we'll attempt to pop some popcorn in an unusual way, then apply new knowledge using the E-M spectrum to analyze Maui's Smart Grid project.

Presented by: Graham DeVey and Denissa Andrade

Remote Sensing from Above

Have you ever taken a picture from an airplane? Or played with Google Earth? Satellites, aircraft and even UAV (Unmanned Aerial Vehicles) use Remote Sensing technology allow us to see invisible parts of the electromagnetic spectrum and study the earth remotely. Cameras that capture bands of light such as the infrared, thermal and ultraviolet provide us with images we can use to extract information to answer questions about the world around us. Join us and explore the different technologies used in Remote Sensing.

CATOR BREAKOL

Presented by: Lisa Canale, Chris Nishioka, Nick Turner, and Noe Puniwai

STEM in the Classroom

The Wolf Trap: Engineering a Solution. You'll learn how to teach our keiki about simple engineering concepts using a familiar metaphor they can all relate to. In this session, we'll demonstrate how to use a basic engineering design process to create a trap that will capture the wolf and save the three little pigs from harm.

Presented by: Alan Nakagawa, Leslie Hamasaki, Jeanine Nakakura, John Constatinou, and Linda Higashi

Using Technology to Inspire Outdoor Learning

In this workshop, we find out why citizen science is fun and cool. We explore different folsof for mobile phones like Project Noah, FieldScope and the Encyclopedia of Life and see how they can be used to gather data to help real scientific projects around the globe. We also discover resources for finding new projects, and use our National Geographic BioBlitz as an exciting example of citizen science that people can do in the schoolyard or community.

Presented by: Sean O'Connor



The fourth annual Create, Communicate, Compete (3C's) Digital Media Advertising Competition is honored to partner with the Hawaii STEM Conference to showcase the talented youth of Hawaii. Hawaii Digital Media program participants will be creating a promotional package, clothing line, 30 second commercial, PowerPoint/Prezi, and a slogan. Students will have just one day to create and submit their work. The competition will be an amazing, fast-paced, and innovative time!

SCHEDULE

THURSDAY, APRIL 18

8:00am Registration | Lokelani Ballroom 9:00am Briefing I Lokelani Ballroom 9:30 -10:15am Client Tour I Off Site Location 10:15 -11:00am Storyboarding I Off Site Location 11:00 -1:30pm Video/Picture shoot I Off Site Location 12:00 - 1:30pm Lunch I Off Site Location 1:30 - 6:25pm Working session | Lokelani Ballroom 6:30pm Competition Deadline

7:00pm Dinner & Movie I Lokelani Ballroom

9:00pm Return to Hotel

10:00pm Curfew

FRIDAY, APRIL 19

6:00pm

745pm

10:00pm

8:15 - 9:45am Team Interviews I Lokelani Ballroom
9:30 - 9:45am Welcome I Aulani Ballroom
9:45 - 10:00am Ice Breaker with Alexis I Aulani Ballroom
9:45 - 11:00am Team Interviews I Lokelani Ballroom
10:00 - 12:00pm Breakout Sessions I Various Locations

11:00 - 12:00pm Finalize Judging & Results I Lokelani Ballroom

12:00 - 12:30pm 5x5 Session I Aulani Ballroom

12:30 - 1:00pm Lunch I Aulani Ballroom

1:00 pm - 4:00pm Breakout Session

Dinner I Aulani Ballroom

Star Party | Roof top

Curfew



PARTICIPATING SCHOOLS

Baldwin High School
King Kekaulike High School
Lahaina Intermediate School
Lahainaluna High School
Maui High School
Maui Waena
Intermediate School
Roosevelt High School

2013 Maui Graphics Showcase Winners

BEGINNING DIVISION (I)

CATEGORY A : CD/DVD COVER

1st Place:

Genevieve Tagayuna - Lahainaluna School

2nd Place:

Alani Blando - Maui High School

3rd Place:

Dylan Berzabal - Lahainaluna School

Honorable Mention:

Noah Galvin - Maui High School

CATEGORY B: POSTER/FLYER/INVITATION

1st Place:

Julie Rasos - Maui High School

2nd Place:

Jennifer Aleysa Martin - Baldwin High School

3rd Place:

Janelle Feliciano - Maui High School

Honorable Mention:

Dylan Berzabal - Lahainaluna School

CATEGORY C: INFORMATIONAL LAYOUT

1st Place:

Bridget Joy - Lahainaluna School

2nd Place:

Candace Hanneman - Lahainaluna School

3rd Place:

Liana Beyer - Lahainaluna School

CATEGORY D : BUSINESS CARD + LETTERHEAD

1st Place:

Shantel Longboy - Maui High School

2nd Place:

Katya Brody - Lahainaluna School

3rd Place:

Kyle Bush - Maui High School

Honorable Mention:

Aulana Lee - Lahainaluna School

CATEGORY E: LOGO

1st Place:

Kailey Sager - Lahainaluna School

2nd Place:

Jennifer Aleysa Martin - Baldwin High School

3rd Place:

Gina Dumangeng - Baldwin High School

Honorable Mention:

Maddi Vasquez - Lahainaluna School

ADVANCED DIVISION (II)

CATEGORY A: CD/DVD COVER

1st Place:

Ashley Caarang - Maui High School

2nd Place (Tie):

Stephaine Lawless - Lahainaluna School

Chelsea Caarang - Maui High School

3rd Place (Tie):

Maddi Vasquez - Lahainaluna School

Ronneth Aspilla - Maui High School

Honorable Mention:

Jeffrelyn Tagayuna - Lahainaluna School

CATEGORY B: POSTER/FLYER/INVITATION

1st Place:

Lealani Galvin - Maui High School

2nd Place:

Brittney Queral - Maui High School

3rd Place:

Zachary Taylor - Maui High School

Honorable Mention:

Terra Miller - Lahainaluna School

CATEGORY C: INFORMATIONAL LAYOUT

1st Place:

Regina Prudenciano - Maui High School

2nd Place:

Adrienne Sayno - Maui High School

3rd Place:

Kristi Togashi - Lahainaluna School

Honorable Mention:

Kristine Urbanez - Maui High School

CATEGORY D: BUSINESS CARD + LETTERHEAD

1st Place:

Keisha Arquero - Maui High School

2nd Place:

Samantha Fenton - Maui High School

3rd Place

Kailey Sager - Lahainaluna School

Honorable Mention:

Jordan Patao - Baldwin High School

CATEGORY E: LOGO

1st Place:

Angelo Sanakli - Maui High School

2nd Place:

Jordan Patao - Baldwin High School

3rd Place:

Adrienne Sayno - Maui High School

Honorable Mention:

Jeffrelyn Tagayuna - Lahainaluna School

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Sponsors



















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Mahalo

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