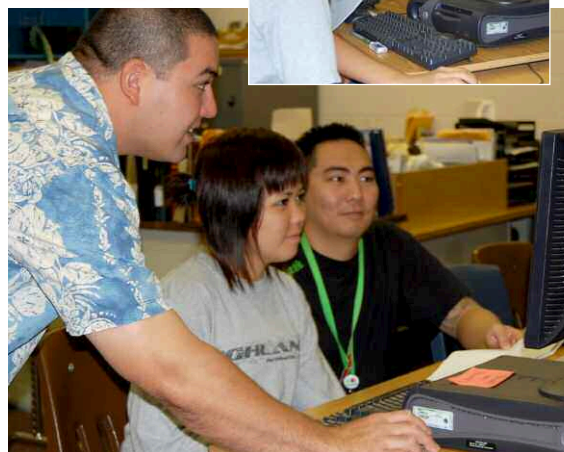


isisHawaii: Industry + Education = A Winning Formula

isisHawaii is a Hawai'i-based non-profit organization that provides resources and opportunities to excite students about STEM-based fields.

In February, isisHawaii launched its newest project called the “STEM Hawai'i Leadership Program” to provide schools with access to activities developed by local advanced technology companies. Together, with Pearl City complex principals (led by Ms. Amy Martinson, Principal, Highlands Intermediate School), professionals from Hawaii's emerging growth companies will facilitate in-class activities that employ current technologies in environmental science, 3-dimensional computer aided design, virtual reality, social networking and more.



Collin Kobayashi, CEO, 3D Innovations (left) and Highlands science instructor, **Alika Ahu** (seated), assist student with 3D CAD project on erosion.



Photo by Josiah Sewell



(above) Archinoetics Project Niu Team (from left: COO, **Dr. Traci Downs**, and engineer, **Erin Nishimura**) launching Niu. Students will follow on the Internet and learn about ocean currents and marine debris.

“We use CAD to design anything! Bottles, houses, walls...anything. I never heard of 3D CAD before. This is the first time I'm using the computer to create something on my own.”

- Highlands IS 8th Grade Student, Aaron

“The best part of the program is the exposure to something that the students would never have been able to see... A lot of people are not aware of this type of technology, they don't know what's involved before something is built. It broadens the students' perspectives and provides them with more options.”

- Highlands Instructor, Alika Ahu



Project Niu (Nature Imparts Understanding) is a program that provides students and teachers with project-based experiences with satellite technologies used in remotely monitoring the ocean.

isisHawaii recently partnered with Project Niu's development team – scientists, technologists and engineers from **Archinoetics**, a Hawai'i-based high-tech research and development company – to give more students the opportunity to learn about environmental stewardship, marine technology and communication technologies.

Other isisHawaii community partners:



We would like to take this opportunity to thank the **Women in Technology (WIT) Project/MEDB**, for their support and encouragement. Our special thanks to **Leslie Wilkins**, WIT Program Director, for her vision and belief in us.

Today, isisHawaii continues to work closely with WIT/MEDB and other community partners to foster student interest in STEM-related pathways.

If you would like more information about isisHawaii and its programs, please visit us at www.isishawaii.org or email info@isishawaii.org.

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www.stemhawaii.com

Looking for STEM educational opportunities in Hawai'i? Scholarships? Programs? Visit **STEMHawaii.com**, an on-line resource for K-12 students, parents and teachers.

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the power of one plus one...