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A STATEWIDE PROGRAM SPEARHEADED
BY WOMEN IN TECHNOLOGY, AN
INITIATIVE OF THE MAUI ECONOMIC
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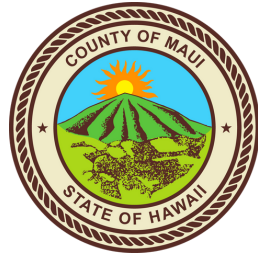
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STEMworks™ Presents



FRIDAY

APRIL 29, 2022

8:00 AM - 3:30 PM

HAWAI'I CONVENTION CENTER

Program Schedule

Welcome back to the 13th Annual Hawai'i STEM Conference!
Get ready to be inspired and celebrate all the reasons why we LOVE STEM.

8:00 AM - 9:30 AM Registration and Breakfast 3rd Floor

9:30 AM - 10:00 AM Aloha & Welcome 'Oli, Keynote Speaker 313ABC



PRIVATEER

Alex Fielding | Chief Executive Officer, Privateer

Alex Fielding is the co-founder and CEO of Privateer. Privateer is a data and intelligence platform empowering the future of space sustainability.

Alex started his career as an engineer at Cisco Systems and Apple, where he worked on multiple generations of MacOS, PowerBook, network servers, and was part of the first iMac team. After departing Apple, he joined Exodus Communications under the leadership of Ellen Hancock, a former Apple CTO who served as Exodus' CEO. Alex went on to co-found GPS company Wheels of Zeus with Apple's co-founder Steve Wozniak in 2001 (sold in 2006), marking the beginning of a fruitful friendship and partnership that brings us Privateer today.

10:15 AM - 11:00 AM Professional Development Breakout Session 1 VARIOUS LOCATIONS

11:15 AM - 12:00 PM Professional Development Breakout Session 2 VARIOUS LOCATIONS

12:00 PM - 12:45 PM Lunch 313ABC

12:45 PM - 1:45 PM Student Exploration Hour VARIOUS LOCATIONS
Teacher Networking Hour 313ABC

2:00 PM - 3:30 PM STEMMY Awards 313ABC

3:30 PM Event Ends - Mahalo Niu Loa!

Student PD Sessions

- 301A Electrochemistry: Electricity from Saltwater Katie Taladay
- 303A VentureLab's Idea to Pitch Scott Mann
- 301B Ship-to-Shore NOAA Research NOAA Team
- 306B Healthcare Investigations & Blood Typing Kauionalani Mead, Erica Davis, and Lark Morin
- 302A Sensory Evaluation in Ag. Food Science & Technology Britney James
- 316AB HIGICC- Mapping with Drones Gretchen Chiques, Christine Chaplin, and Sarah Rosenthal
- 306A Hawaiian Navigation in VR Anna Sikkink and Patrick Karjala
- 304A Code.org Tutu Tinkerella's 'Ohana Dance Party Celeste Endo
- 304B HI Brain & Behavior Lab - NeuroMaker BCI I Sak Kim and Dr. Jonas Vibell
- 302B Interesting World of Microorganisms Jaime Kaho'ohanohano

Teacher PD Sessions

- 303B AR & VR in the Classroom Michael Fricano II
- 305A CubeSat Engineering with HSFL Amber Imai-Hong
- 305B Tech Tips, Tricks and Tools Shane Asselstine
- 307A Minecraft Education in the Classroom Brad Beck and Trent Rulloda
- 307B Civil Air Patrol Resources 1st Lt. Darryl Ng and Major Martin Guiles
- 308A Dive into NOAA Climate Change Opportunities Leon Geschwind

Student Exploration Hour Sessions

- 301A VR Hōkūle'a Experience Anna Sikkink and Patrick Karjala
- 301B Code.org Game Lab Celeste Endo
- 302B Microscope Challenge Jaime Kaho'ohanohano
- 316AB Engineering Design Flight Challenge STEMworks Team
- 316AB Civil Air Patrol Simulators Maui Civil Air Patrol