



**LEAD.  
INSPIRE.  
GIVE.**



“Prior to this workshop, I thought that just having a great product would be enough... now I know I need to network, I need to promote it, I need to ask more questions, I need to get more feedback all the time to ensure I keep abreast of my customers’ demands...I need to do my homework.”  
- Rose Simon, Participant, Entrepreneurs Boot Camp on Lanai

**134 one-on-one business consultations** by MEDB’s business development team with **97 companies**; 48 were from the Information Technology Sector, 15 from accommodations and food product development, and 14 from manufacturing.

**456 middle school students** enrolled in **STEMworks AFTERSchool™** program launched in August 2015. Students engage in hands-on STEM activities focus on cyber-security, app development, drones, programming/coding, GIS, agriculture, digital media, and robotics.



“Through STEMworks AFTERSchool, I achieved more than I ever thought I could. With the support of MEDB and WIT, my partner and I won first place in a nationwide film competition. Thank you MEDB!”  
- Czerena Bayle, Maui Waena Intermediate School 8th grader

**206 businesses** in the nine **Innovation Series workshops** we presented this year, 81% of which described themselves as start-ups. Workshops topics included business plan development, human resource compliance, access to federal and state funding programs and financial modeling.

“I would recommend Startup Weekend to someone who wants to start a business with little or no experience. It is helpful for a fast opportunity to learn what will be required to start a business.”  
- 2016 Startup Weekend Participant



“AMOS was an invaluable opportunity for our Maui-based Photonics business. We were exposed to many new researchers and clients and we were able to connect with new customers that we would not have access to otherwise including international clients. We are very excited about the opportunities that resulted from participating in the AMOS conference.”  
- Dan O’Connell, CEO, HNu Photonics

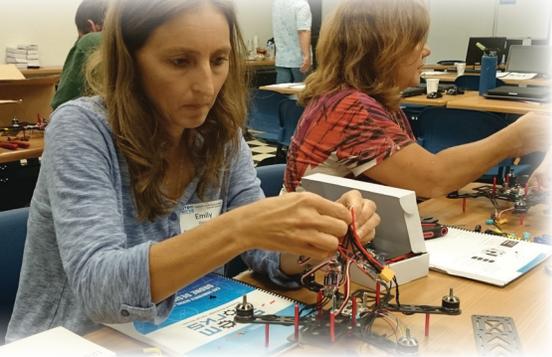
**680 conferees** to the 17th annual **AMOS Conference**, highest attendance ever. The overall program on Space Situational Awareness included three days of policy keynotes, 57 technical presentations, 71 posters presentations, 24 exhibitors, 4 short courses and an inaugural Operators Forum.



**32 high school students** in 2016 **STEMworks™ Summer Internship program**. Interns engaged in the paid, six-week program in which they were matched with a host company and mentor, helped companies with a special need, and participated in weekly college and career awareness assignments.



Celebrating our impact in **2016**



## 2700 students in 27 schools statewide

participating in **STEMworks™**, MEDB's original K-12 project-based curriculum. Students use cutting edge technologies to design community service projects. The curriculum includes professional development for teachers, STEM lab equipment, industry connections, STEM career exposure, our annual Hawaii STEM conference, paid internships, college awareness.

"It was through this [STEMworks] workshop that I was able to see how powerful implementing inquiry-based instruction can be for children. In addition, once inquiry-based instruction was implemented, the behavior problems that were present began to disappear. Instead of isolating subject matter, I am now finding ways to teach more hands-on science through math, reading and language arts and my students are fully enjoying this experience!"

- Pukalani Elementary School Educator



## 191 teachers

**trained** in the newly launched **Elementary Edition** of MEDB's original **Island Energy Inquiry™** clean energy curriculum, which emphasizes inquiry-based and engineering design methodology.

## \$356,000 in donations

to the 2016 Pathways to Our Future fundraiser for the **MEDB Ke Alahele Education Fund**. Since 2006, the Fund has supported more than 265 grants and internships that advance STEM education in Maui County.



"STEM gave us the ability to take a technical principle like the engineering design process... or like GIS...and turn it into something that could impact our island and our state."

- Lily and Sarah Jenkins, Women in Technology alumns

## 340 conferees

from Hawaii, the mainland and Japan at the **2016 Maui Energy Conference**. Plenary sessions featuring renowned energy expertise, an array of exhibitors, and numerous networking opportunities focused on how to achieve aggressive renewable energy mandates in Hawaii and beyond.

"I'm very excited about the **JUMPSmartMaui EV PCS** project. [It] represents an important step towards fuller participation in the smart grid. Now, my EV is not just a transportation vehicle, but a grid energy storage device and a home battery backup system."

- Deborah Rybak, JUMPSmartMaui Volunteer



## 1430 surveys collected

at the **2016 Maui Fair** in which we pulsed the community on their priorities for health care in Maui, a key component of our community's economic infrastructure. Participants emphasized access to quality health care and affordability as major concerns.



## 880 student and teacher participants

from across the state in MEDB's **2016 Hawaii STEM Conference** which featured training by local and national industry professionals, STEM competitions, and networking.