



Strengthen
Diversify
Honor

Annual Report on Operations

July 1, 2009 – June 30, 2010



maui economic development board, inc.

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Kids enjoyed our hands-on science activities at the second annual Maui County Ag Festival.

Vision

A future in which abundant opportunities for rewarding employment are met by a qualified, resident workforce in Maui County, a community which honors its cultural heritage and natural environment

Mission

To provide leadership and vision in our community for the responsible design and development of a strong, sustainable, and diversified economy for Maui County



Senator Daniel Inouye, his wife Irene Hirano and Mayor Charmaine Taveres were named 2009 Distinguished Educators at the MEDB Ke Alahele Education Fund dinner.



Project displays by the Fund's beneficiaries are an engaging part of the evening.



Nelson Kanemoto, Referentia, and MEDB Chair, Ed Reinhardt, Maui Electric Co. network during the event.



Kaulana Ryan, Excite Camp mentor offers a pule at the start of the dinner.

Executive Summary



Aloha

Week after week, headlines, reports and conversations centered on a sputtering economy. Communities across our nation continued to endure unprecedented challenges this year. Maui Nui was no different.

MEDB shared the challenge common to public, private and nonprofit sectors of securing adequate resources. With the support, however, of a dedicated staff, board of directors and membership, we managed to leverage and find new partners. And with that, we stayed the course on diversifying our economy. We put the full force of our resources, expertise and experience to creating solutions and expanding the reach of our services, particularly to businesses. In fact, now more than ever, our mission and the collective pursuit of our vision have newfound significance.

New businesses engaged in information systems, space research, health, and renewable energy proved resilient during this downturn, adding to a growing critical mass in these sectors. Some companies even expanded by 20-50%. About 25% of the jobs in the tech sector now go to kama'aina, those who earn Hawaii high school diplomas. Our own annual AMOS Conference on space research and technology attracted 640 participants from the mainland and international points. The Space Foundation joined us as a robust new partner to AMOS and perhaps most importantly, Maui tech companies secured new business opportunities from the conference.

Through our education and workforce preparation programs, we now reach over 15,000 students annually statewide to help ensure a steady pipeline in careers

based on Science, Technology, Engineering and Math skills. We launched the only Renewable Energy curriculum in the state that meets the Department of Education's Performance Standards. We have trained over 125 educators in this curriculum statewide aided by new federal and state funding. They are already delivering the lessons—and their excitement—in classrooms throughout the state. The MEDB Ke Alahele Education Fund's has now reached over 6,800 students with 27 additional awards last year, including internships and numerous Robotics awards.

We are pleased to offer you this year's Annual Report, an intentionally reader-friendly compilation of highlights in MEDB's 2009-2010 year. If you are familiar with us, it is an update through words and pictures. If you are new to us, it's an introduction to our program goals, core values and results. We hope that this latest chapter in MEDB's journey stimulates your thinking about other ways that we can serve Maui Nui—and the state—and invite you to share them with us.

The results to date validate the wisdom of our founders and our community to pursue new paths over 28 years ago. We approach 2011 with renewed optimism and commitment.

A hui hou,

Jeanne Unemori Skog
MEDB President & CEO



FMN Youth Alliance members encouraged residents to participate in our annual survey at the Maui County Fair.

Program Goal 1

Build **community consensus** for economic development priorities in Maui County, guided by the vision and values of Focus Maui Nui.

Building Civic Engagement

FOCUS MAUI NUI

2009-10 Youth Alliance (YA) explores the “Wellbeing of Maui Nui”

The 2009-2010 Youth Alliance program consisted of eight Monthly Sessions, County Fair Community surveys, an end-of-season Mohala A'e Event and presenting testimony to community leaders.

- FMN's Youth Alliance theme this year was “Exploring the Wellbeing of Maui Nui.” Based on a March 2009 report published by Gallup, Hawaii ranked at the top in several well-being indicators. However, the 50th state fell to the bottom in another key category – Work Environment.
- The goal was to help members gain a better understanding of jobs in Maui Nui and people who make the community work.
- Thirty Youth Alliance members kicked off their first session on Saturday, October 17, 2010 at the Haleakala Waldorf School campus to participate in the 2nd annual Princess Kaiulani Festival.

- The session encouraged members to explore the history of Princess Kaiulani, her connection to the Scottish culture and how her spirit lives on today across Maui Nui.

- During the year, highlights from other YA sessions included:

Maui Ocean Center – *new Sopogy solar energy collector, concepts of solar energy, reflective technology and greenhouse effect.*

Paia Youth Center – *RadiOpio: developed public service spots about “What I love about Maui Nui”; walking tour of Paia town; clean up of Paia Bay, Youth Center parking lot and Hana highway.*

Kahului Fire Station – *HAZMAT unit & fire science orientation; HAZMAT uses of science & technology; hazardous materials treatment and decontamination demonstration.*

Maui Police Department CSI – *tour of offices, holding cells; presentation of CSI tools including blue-light evidence recovery, print collection techniques, DNA, footprint casting. Special focus on crystal meth as the most prevalent drug involved in crime.*

Ko'ie'ie Fishpond – *assisted in restoration of ancient Hawaiian fishpond. How fishponds tied into the economy and land management system of old Hawaii. Comparisons between ancient and modern economies.*

Media partners key in reaching out to community

A partnership with The Maui News, its district tabloids and website continue to augment Focus Maui Nui's role as a facilitator of community awareness. The goal is to foster a knowledgeable, engaged citizenry leading the community into the future.

- Each weekly article offers information to inspire civic awareness, pride of community and place, and action – and is aligned with the core values expressed by the citizens of Maui County.
- FMN's campaign takes two approaches: 1) A major informational article every Wednesday in The Maui News; 2) a VOICES piece in district tabloids that allows individual residents to share what they think is important to protect and preserve in Maui Nui.
- Significantly, readers of the articles have begun to respond to FMN with questions and comments, providing valuable community dialogue.

FMN website and social networking builds audience

In addition to general background information and resources, the FMN website houses current and archived ARTICLES and VOICES pieces, the activities of the

YOUTH ALLIANCE, links to the FMN Facebook page, and will soon be the site of an interactive, real time survey and polling capacity.

- FMN has expanded its Facebook page as an additional opportunity for outreach and education
- Besides the U.S., Website visitors come from a range of countries including Austria, Italy, Indonesia, Samoa, Canada and England.

Surveying at the 87th Maui County Fair keeps tabs on island priorities

Each year Focus Maui Nui takes the collective pulse of the community to stay current with the concerns and priorities of our residents. This year we collected over 1,250 surveys that rated our collective process in education, environment, infrastructure, economic development, local culture and human needs.

- Elected County officials Joe Pontanilla, Mike Molina, Joel Bertram and Sol Kahoolalahala pitched in, along with MEDB staff and volunteers, to reach out to residents and ask for their comments and community concerns.
- In keeping with their 2009- 2010 Youth Alliance theme, YA members surveyed County Fair goers about their work environments, and continued to survey residents during each of their monthly sessions.



The January session exposed FMN Youth Alliance members to technologies employed by the of the Maui Department of Fire and Public Safety's HAZMAT team.

- Results were published in the 2010 “State of the Community” report

FMN and Decisions Maui celebrates 2009-2010 “graduates”

Ka Ipu Kukui Fellows is a year-long program designed to build future leaders in our community. A Decisions Maui and Focus Maui Nui initiative, intensive monthly sessions expose Fellows to systems and multiple perspectives in our community providing a foundation for informed decision-making.

- The 15 participants for the 2009-2010 cohort drew from diverse occupations in the public and private sectors who nevertheless formed bonds and newfound respect for between participants.
- The ten sessions included explorations in renewable energy, water, planning, technology sectors, governance, tourism and leadership skill building.

MILLENIUM INSTITUTE

Water stakeholders convene to build County model

MEDB has developed a partnership with The Millenium Institute (MI) based in Washington D.C. to create tools that allow community planners to test possible actions and see the impacts on society, economy and the environment. Given the heightened interest in water resources, MI will develop a planning tool to assist in making more informed decisions about Maui’s water.

- With guidance from MI, MEDB began identifying individuals from the community who have knowledge about water data and/or insights about the issues surrounding water to help build a framework for a relevant, sustainable and cost-efficient model.
- Participants were drawn from industry including agriculture, community organizations, state and county government, and land owners.
- The first job of this new Water Working Group will be to help “map” out Maui County’s water system, the components of supply and demand.
- Ultimately, MEDB will use the MI water model as a basis for engaging and educating our community about water resources and its interrelationships with other sectors.

Community Economic Development Strategy (CEDS) process underway

The CEDS process is required of any community that wants to be considered for EDA (U.S. Department of Commerce) funding.

- A Strategy Committee consisting of 34 representatives from business, labor, community organizations as well as local government, has been formed to identify Maui’s main economic drivers and related capital projects for government funding.
- MEDB convened focus groups for each of the 8 targeted industry sectors, as well as Hana, Molokai and Lanai.
- To date, 123 residents have participated in providing input on the state and future of our community.



The CEDS process was guided by a dedicated strategy committee.



The AMOS Conference Exhibit Venue showcased local and national technology companies.

Program Goal 2

Inspire, support and promote **innovation** in economic development throughout Maui County

Business Attraction

2009 AMOS Conference

September 1-4, 2009 – Wailea, Hawaii

Through the continuing efforts of MEDB, the AMOS Conference on Maui remains the premier conference in the nation devoted to space surveillance. The cross section of military, contractor, and academic participation in the field of space situational awareness is unmatched by any other conference in the world.

- **LARGEST ATTENDANCE EVER!** Over 640 scientists, engineers and technical specialists from around the globe attended the 10th annual AMOS keynote speeches and poster sessions – the highest attendance in conference history.
- Sponsor and exhibitor revenue increased by over 20%, attendance by 13%. The AMOS event generated over 3,300 room nights with expenditures resulting in over \$1.2 million for island businesses.
- In her opening remarks, MEDB President Jeanne Skog emphasized her organization's goal to provide networking across industry sectors. MEDB staff member Sandy Ryan added, "Our pursuit of a high-tech industry on Maui has as its underpinnings the optical and technical assets that have existed here for more than 40 years."

- "The space environment is more complex than ever," said Air Force Lt. Gen. Larry James, commander of America's military space forces and one of three keynote speakers. He emphasized the importance of improving international cooperation to understand the situation in space.
- Conference topics this year included telescopes and cameras, imaging methods, adaptive optics, space object identification, astrodynamics, and the University of Hawai'i's Panoramic Survey Telescope and Rapid Response System (PanSTARRS).
- To add to the excitement, the collision of the obsolete Russian Cosmos satellite and an American Iridium communications satellite 490 miles above the Earth sparked heavy discussion. The February 2009 event raised major concerns over the massive amount of debris the collision added to the Earth's orbit.
- A special mahalo to title sponsor, The Boeing Company, along with featured sponsor, Raytheon. Other conference sponsors included General Dynamics, Advanced Information Systems, AGI, BAE Systems, Lockheed Martin, Pacific Defense Solutions, Sandia National Laboratories, Northrop Grumman, ai solutions, Applied Optimization, RC Optical Systems, Hnu-Photonics.
- For information on the 2010 AMOS Conference, go to www.amostech.com

MEDB's conference management capabilities extended beyond the presentation of the annual AMOS Conferences series. The conference team put their expertise to work on coordinating two other meetings:

- U.S./Russian Space Surveillance Workshop: Space Surveillance Detecting and Tracking Innovation, April 18-23, 2010, Wailea, Hawaii.
- Joint AFL/AOARD/LLNL Workshop on Nucleation During Solid-Solid Phase Transformation in Metallic Systems, May 2-7, 2010, Maui, Hawaii.
- Maui Energy Expo 2009, September 10-11, 2009 Kihei, Hawaii. Once again, MEDB partnered with the County of Maui to present the two-day Energy Expo to over 300 participants. The sessions featured multiple energy stories across our community on actions taken since the 2007 Expo.

Day One: Energy examples from Molokai Drugs, County government, Lanai Company, Grand Wailea, a homeowner and MEDB were presented. Also findings and recommendations from the five Working Groups formed in 2007 led to an informative public commentary exchange.

Day Two: Next steps and what we must do as a community were topics of discussion. Representatives from the PUC, National Renewable Energy Lab, MECO, SAIC, the County and DBEDT added helpful perspectives.

Throughout the program, "voices of youth" from Project EAST members to high school and UH students were featured prominently since they will lead renewable energy efforts for the next generation.

2009 Asia Pacific Clean Energy Summit and Expo

August 31 – September 3, 2009 Honolulu, HI

Organized by the state of Hawaii in cooperation with the Defense Energy Support Center and U.S. Pacific Command, the conference focused on various renewable energy initiatives and policies throughout the Asia-Pacific region. It also included a trade show for innovative technologies, services and ideas.

- In conjunction with the Expo, the Department of Defense held a DOD day featuring plans and procurement opportunities for energy projects throughout the Asia-Pacific region.
- We were successful in connecting Pacific BioDiesel with Chevron leadership for potential partnership; iWind Energy Co., Ltd. with UH Maui College which led to the donation of a vertical windmill for instruction in their Construction Academy for students.



Our National Space Symposium exhibit drew interest from students wanting to learn about jobs in astronomy.

2010 Renewable Energy World Conference & Expo

February 22-26, 2010 Austin, TX

This event brings together over 4,000 energy professionals from the full spectrum of renewable energy fields for three days of networking, new business development, and exchange of ideas and information impacting the renewable industry today.

- Prior to the conference, MEDB lined up appointments while in Texas for Maui Companies and collected collateral for meetings.
- MEDB teamed with DBEDT to exhibit in a Hawaii multiple booth setting.

26th National Space Symposium

April 12-15, 2010 Colorado Springs, CO

The premier U.S. space policy and program forum addresses all sectors of space -- civil, commercial, and national security. It remains an important annual venue for promoting MEDB's AMOS Conference and Hawaii's space-based assets among 9000+ participants from around the world.

This was the first year of MEDB's partnership with Space Foundation (the symposium's presenting organization), which led to greater visibility in that sector and opportunities to explore defense-related projects, contacts and funding.

- AMOS Project Manager Sandy Ryan took center stage at the national conference to introduce the Chair and panel on Space Situational Awareness and Space Debris that MEDB co-sponsored.
- MEDB co-sponsored "Audience with an Astronaut" sessions with Boeing. Elementary/middle school students visited with an astronaut to learn what it takes to go from being a student to becoming a space explorer. The 90-minute presentation consisted of an informational and inspirational talk followed by a question and answer period.

2010 BIO International Conference

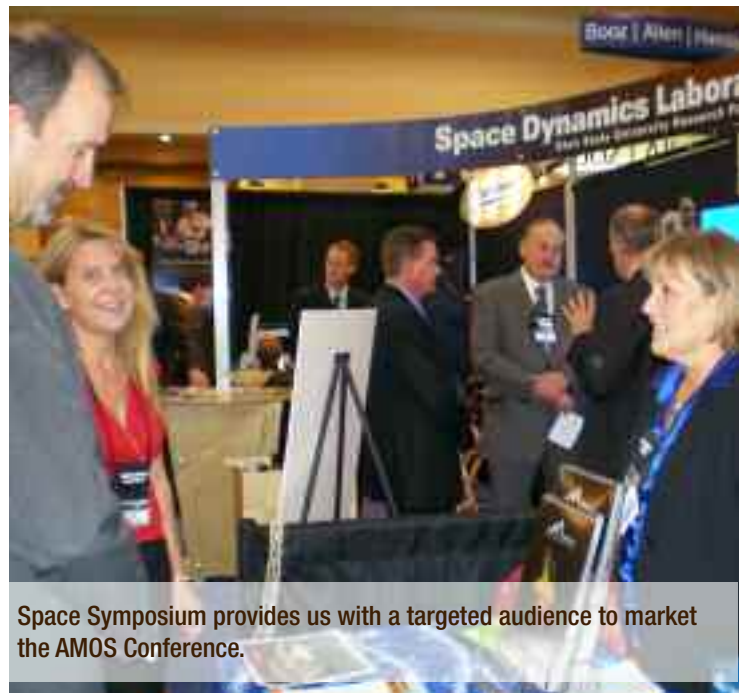
May 3-6, 2010 Chicago, IL

Over 15,000 attended the world's largest biotechnology convention including heads of state, congressional leaders, scientists, CEOs of biotechnology and pharmaceutical companies, teachers, and students.

- Each year, BIO International offers key networking and partnering opportunities while providing insights and inspiration on the major trends affecting the industry.
- MEDB contacted local companies -- Peletex, Hawaii BioEnergy, Noni Maui Pacific BioDiesel, HC&S, Hawaii Energy, BioReal and ABR -- in preparation for the event.



Providing opportunities for networking is an important element in conference management.



Space Symposium provides us with a targeted audience to market the AMOS Conference.

Tech Enterprise 2010

June 22-24, 2010 Honolulu, HI

This year's HREDV-sponsored Tech Enterprise conference featured a stellar lineup of panelists from technology companies, funders, clients (including Senator Inouye's staff) to organizations such as PACOM, National Renewable Energy Lab, Ulupono Initiative among others.

- On opening day, MEDB Vice President Leslie Wilkins shared MEDB's extensive pipeline of programs on Science, Technology, Engineering and Math education and workforce development strategies, including our newest initiatives in renewable energy.
- The Economic Development Boards participated in a panel on what the EDB's are doing to assist technology-related businesses.

BUSINESS ASSISTANCE

MEDB's High Tech Maui program assisted over 50 businesses interested in setting up or expanding within Maui County. Businesses seeking help drew from a wide range of sectors including Agriculture, Space Research, Health Care, Renewable Energy, Information Systems among others.

Through a series of workshops, MEDB helped to strengthen businesses capacity to weather the current economic challenges.

Federal contracting workshop

Through a contract with OHA, MEDB partnered with the Hawaii Procurement Technical Assistance Center to help businesses that want to secure federal contracts.

- As part of this partnership, MEDB presented a workshop on August 28, 2009 at the Malcolm Center in Kihei, Maui.
- Joan Fulkerson of the Air Force Research Laboratory taught participants how to find potential federal customers, as well as provided current acquisition requirements and advice on soliciting effective responses.

Proposal management workshop

As part of its focus to diversify and strengthen the local technology sector, MEDB partners with HDTV to build capacity among Hawaii-based small businesses to perform high technology work related to Department of Navy and Department of Defense programs.

- In association with HTDV, MEDB presented a two-day workshop in January 2010 on proposal management for federal funding.

- Commitments from Maui-based companies enabled MEDB to bring the workshop to Maui saving the cost of travel and accommodations on Oahu.

Maui entrepreneurs receive hands on assistance from managers at SBIR workshop

Every two years, the High Technology Development Corporation brings in federal Small Business Innovation Research (SBIR) grant managers to meet with local entrepreneurs. MEDB continues to assist in the marketing of the conference.

- The latest priorities of 11 federal departments and agencies were featured.
- SBIR awards fund research and development performed by small businesses, with awards starting around \$100,000 rising to millions for broad-based technologies initially developed for federal use that can later be adapted for commercial application.

How to Use Social Media to Improve Your Business February to May, 2010 Kihei, HI

MEDB partnered with technologist, Peter Liu, to deliver three workshops - two at the Malcolm Center, and one at the Maui County Business Resource Center (MCBRC).

- Overall, MEDB received excellent feedback and the beginning of a plan for a future workshop series to take using Social Media to the next step - Planning Your Social Media Strategy, and How to Implement Your Strategy. Other proposed workshops include "how to" with specific tools.
- A total of 47 attendees signed in at the Malcolm Center, and 15 at the MCBRC. All meetings were live-tweeted.

How to Use Facebook to Improve Your Business

This was an in-depth, hands-on workshop to get step-by-step training on how to harness the power of this social networking tool. Both workshops were completely sold-out.

How to Blog for Your Business

In response to numerous requests, MEDB sponsored this workshop to help businesses learn how to maximize the effectiveness of blogs including interconnecting them with social media.

How to Use Wordpress for Your Business

Another sold-out session hosted by Jeff Bennett, Web/multimedia developer! Requests prompted a follow-up Wordpress 201 class that will require a pre-requisite to attend. Another outcome: User groups are now being formed where participants can meet informally with Jeff and Peter to continue their projects.

Business Planning Workshop for Scientists & Engineers

March 12, 2010 Oahu, HI

MEDB participated in this workshop sponsored by HTDV and HREDV to build capacity and help Maui businesses that are actively engaged in developing a product or technology to commercialize.

2010 Maui Film Festival

MEDB provides fiscal management assistance for the nationally renown Maui Film Festival at Wailea. As a premier film event, Maui Film Festival continues to draw an international audience while growing in prestige and revenue. Over 15,000 attended this year's event.

- Under Barry Rivers' direction, the Film Festival generated a staggering 500,000,000+ impressions from the NYTimes.com, LATimes.com, Huffingtonpost.com, Cnn.com and many other outlets.
- Taste of Wailea even remains a delicious draw for movie goers, as do the live celebrity awards and impressive selection of top rated films.



Sold out workshops show that social networking continues to be an economical way to market small businesses.





PTC Taste Test Strips measured kids for the presence of an inherited gene for high sensitivity known as 'supertasters'.

Program Goal 3

Prepare Maui County's residents to compete for 21st century careers by improving Maui County's capacity to educate, train and provide skill-based experiences

Strengthening Education to Workforce Pipeline

REAL WORLD LEARNING

By leveraging federal investment with Maui County funding, MEDB has been able to increase EAST service based learning, enabling students to gain real world STEM skills to compete in the global marketplace.

Hawaii STEM Conference

April 9-10, 2010 Maui, HI

For more than a decade, only 50-60 Hawaii students have ever had the opportunity to travel to Arkansas to participate in the National EAST conference. Due to the tremendous growth of the Hawaii EAST program, this year MEDB's WIT decided to launch its first ever Hawaii-based STEM/Service-Learning Conference at Makena Resort on Maui.

- Having the event within the state made the conference experience affordable and convenient to many more students, thereby generating a lot of buzz and participation in STEM fields.
- The Conference attracted nearly 200 students and educators from 15 Proj-

ect EAST middle and high school labs across the state who participated in cutting-edge technology sessions and competitions.

- Student teams from each school were tasked to demonstrate skills in the following categories – Self Directed Learning, Critical Thinking and Problem Solving, Teamwork, Community Involvement and Collaboration, and Resource Integration.
- Several key components combined provide the winning mixture for a successful first ever Hawaii STEM Conference:
 - Break out sessions with Industry professionals
 - Software competitions
 - EAST STEM Service Learning project showcase
 - Conference survey

Nearly 100% of EAST students surveyed at the end of the Conference say they will attend college or a trade school after completing high school. When asked what degree they plan on completing, nearly 17% answered a two-year degree; 54%, a bachelor's degree; 22%, a Master's; 10%, a PhD.

Industry Day: Maui, Kauai, Oahu

EAST students from different islands were given a relevant look into real-world technology at the annual Project EAST Day.

- During the multi-island event, students heard firsthand how the software

programs they use in their labs apply to the real world -- from engineering design to computer-aided design; geographic information systems to 3D imaging; global positioning systems to webpage graphics.

- Industry representatives from different sectors of Maui's tech community offered a valuable overview of 21st century careers and software applications to over 100 students and school facilitators.
- Professionals from 3D Innovations, Pacific Disaster Center, Akimeka, MHPCC, Referentia, Oceanit, PMRF Barking Sands, University of Hawaii Medical School, and Sae Design talked about the software they use, presented examples of their work and discussed career preparation and options. Each also gave a little background on his or her career path.

Tech Software Summer Camps

High school students interested in the latest GIS, AutoCAD 3D, and Gaming technologies participated in three individual summer software camps.

- Conducted by Nathalie Nunez, the popular Dreamweaver/Photoshop workshop helped students experience the same cutting-edge technology used in major community projects.
- The excellent AutoCAD training workshop introduced the power of industry-standard 3D modeling and 3D Computer Aided Design (CAD) to middle and high school students. Using project-based learning, students gained an in-depth understanding of the principles of CAD and how it can be applied to engineering, design, scholastic robotics and other technology programs.

Statewide student participation at the first annual Hawaii STEM Conference

Baldwin High School	20
Farrington High School	9
Kauai High School	3
Kihei Charter School	13
King Kekaulike High School	13
Lahainaluna High School	4
Maui High School	23
McKinley High School	8
Molokai High School	14
Molokai High School (Immersion)	23
Molokai Middle & Immersion	12
Roosevelt High School	2

- The new WIT-piloted Gaming workshop addressed this fast-growing sector in Hawaii and throughout the nation. Students spent a week learning about animation, graphic design, simulation and modeling.

Robotics Hawaii

In collaboration with partner isisHawaii, MEDB's Women in Technology sponsors the RoboticsHawaii project to support many scholastic robotics programs throughout the state. The goal is to motivate students toward STEM careers by capturing and sustaining their interest in robotics at an early age.

2009 VEX Robotics Maui Championship

On October 3, 2009 teams from Maui, Oahu, and the Big Island converged to compete in a Maui VEX Robotics championship held at the annual County Fair.

- EAST students dedicated weeks of time designing, programming, working as a team to compete at this dynamic and exciting robotics championship.
- The skill sets developed while participating in the robotics program are among those essential for a career path in the high tech field.

FIRST Robotics Hawaii Regional

The third annual FIRST Robotics Hawaii Regional tournament attracted robotics teams from all over Hawaii, the continental US, and International teams (Philippines and Mexico).

- Held at the Stan Sheriff Stadium on Oahu, in March 2010, the event gave local students the opportunity to compete for coveted spots at the 2010 National Robotics Competition in Atlanta, Georgia.
- EAST students from Maui High and Baldwin High both participated in the recent qualifier. Students dedicated six weeks of extracurricular time designing, programming, and working as a team.
- Mentors from the high tech industry were also available to provide ongoing support and expertise as students designed and built their robots.

Hawaii Robofest

- In April 2010, selected winning teams from the Hawaii Robofest "Global Ahupua'a" Regional showcased their projects.
- 11 out of 34 participating teams displayed exhibits and demonstrated game play for visitors. TV crews (KHON2, KITV and KGMB) covered the event.

Geospatial Technologies Initiative

The need for more local geospatial (GIS, GPS, and remote sensing) talent is urgent, and WIT continues to lead the way with its statewide initiative: GeoTech for Hawaii Schools.

Teachers and students have been receiving tech support on an ongoing basis via online delivery methods, and new collaborations are underway to develop Hawaii based GIS curriculum.

- Monthly email updates and weekly posts to the GeoTech blog keep educators and students informed of new resources and events. On the last Thursday of each month, a virtual office hours session was held to provide demonstrations of GeoTech activities and to provide individualized support for teachers.
- A collaboration between WIT and the Pacific Disaster Center has been initiated. A GIS curriculum for high school marine science is under development.
- In June 2010 GeoTech staff supported the EXCITE Camp girls by engaging them in an investigation of an ahupua'a. They went on a field trip using GPS devices and GIS software to analyze cultural resources along streams.

Hawaii K12 GIS distribution program

With WIT spearheading the effort through the Project EAST partnership, Hawaii became the first state in the nation to provide the GIS software throughout its entire educational system, significantly expanding WIT's existing relationship with ESRI's National Education Team.

- Because the new K12 license is being coupled with the existing Higher Education license, every public school in Hawaii, from kindergarten through college, is eligible for ESRI's industry-standard GIS distribution.
- To date, the software has been distributed to over 250 public across Hawaii.

MentorNet

This national award-winning e-mentoring program has been especially effective for women and underrepresented groups by providing real-world access to professional networks often unavailable to them in the male-dominated fields of science and engineering.

- WIT Oahu met regularly with a locally contracted MentorNet recruitment team to review and refine their new strategy for students on the ten UH campuses throughout the islands. To date, over 100 new protégés have signed up.

HI STAR 2010

The Women In Technology project partnered with the Institute for Astronomy to allow outer island students participation in a weeklong immersion program called "HI STAR".

- A total of 16 students, including 12 girls, from Maui, Molokai, Big Island and Oahu participated.
- The following list of student projects were completed during the HI STAR program:
 - The Emerging Stars: Variability of Stars in the IC 348 Cluster
 - Rock and Rotation
 - Asteroid? Comet? No... Centaur
 - Mysterious Old Gases
 - Exploring New Worlds Thru Exoplanet Transits
 - The Sun: Our Cosmic Umbrella
 - Moon Phases and Earthquakes

Society of Women Engineers (SWE)

WIT's continuing financial and recruitment support is paying dividends as SWE recruited a record 70 members this year. Hawaii's collegiate section has now become the largest in SWE's Region A.

A recent WIT grant proposal garnered funding for a recent IGED outreach activity.



Kihei Charter High School students shared their Algal Bloom research.

Introduce a Girl to Engineering Day (IGED), Waipahu, Oahu

On April 14, over 200 students, parents, faculty, administrators participated in a very successful IGED event at Waipahu Intermediate School on Oahu.

- 50 volunteers from UHM Society of Women Engineers (SWE) Collegiate Chapter helped organize and run the event.
- Interactions with UH SWE students and volunteers gave middle school students the opportunity to see women as successful, motivated future engineers, as well as to promote engineering as an exciting career.

Engineering Workshop, Honolulu, Oahu

SWE-HI developed and hosted a hands-on workshop for over 50 Farrington High School seniors (76% female participation) in the University of Hawaii Manoa GEARUP program.

The range of activities took students through the design, planning, budgeting, construction and evaluation phases of building suspension and cable bridges in 50 minutes!

Aerospace in Hawaii

October 4 – 10, 2009 Maui, HI

The State of Hawaii joined over 60 nations worldwide celebrating World Space Week. MEDB's WIT project participated by hosting a speaker series statewide highlighting the islands' past achievements, current activities and future potential in both aviation and space exploration.

- The public events included speaker and documentary presentations, exhibits and field demonstrations focused on astronomy, space-based observation of planet Earth, next-generation aviation, commercial space development, exploration of the Moon, Mars and other solar system bodies, and access to space.
- Meet an Astronaut: Over 60 community members came out to meet Astronaut Yvonne Cagel, MD (Colonel, USAF) of the Johnson Space Center at the special Kahului event on October 9th.
- NASA Teacher workshop "Return to the Moon": Seventeen Maui County teachers attended the educators' workshop in Kihei on October 10th.

2009 High Tech Maui Holiday Job Fair

December 28, 2009 Kihei, HI

The 8th annual High Tech Maui Holiday Job Fair was held at Ke Alahele – the MEDB Center in the Maui Research & Technology Park. WIT partnered again with Kama'aina Careers and the County of Maui to host the event.

- Offering students and former residents a chance to check out job opportunities while they are home for the holidays, the Fair lets Maui-based STEM companies relay information and recruit skilled kama'aina.
- Over 230 job seekers met with employers and had their resumes reviewed. Interested participants were able to pre-register and submit resumes via the High Tech Maui website.
- Participating employers included: Akimeka, the Boeing Company, County of Maui, Hnu Photonics, Maui High Performance Computing Center, Oceanit, Pacific Disaster Center, Northrop Grumman, Textron Systems and more.



Jon Sakarai-Horita of Kama'aina Careers offers placement counseling to job seekers.

Tech Careers Day: I Am The Future

October 21-22, 2009 Kihei, HI

Nearly 60 students from Maui County's high schools, including Molokai and Lanai, got firsthand exposure to careers in STEM. Exposure to career options at the critical high school level enables students to make curricular and extracurricular choices that will help them prepare for these careers.

- Day 1: A panel of young Maui professionals with STEM backgrounds led the "How I Got My Start" session and a hands-on engineering game.

- Day 2: Students received a guided tour of the Haleakala Observatories and Maui Space Surveillance System operated by the US Air Force. WIT provided transportation and accommodations for Lanai & Molokai students.
- Co-sponsored by the County of Maui and the Air Force Research Laboratory (AFRL), the two-day event also featured interactive sessions onsite at various high tech companies including Akimeka, Boeing, Maui High Performance Computing Center, Oceanit, and more.

Engineering in the Middle (EIM) Extravaganza

January 29, 2010 Kihei, HI

This year, WIT launched an unprecedented EIM pilot program for Maui County middle schools to engage students in technology, engineering, design and mathematics. Part of the mission was not only to get students involved as competitors, but also as peers of students with similar interests from other schools.

- Supported by funding from Maui County and the U.S. Department of Education, WIT worked with the schools' science teachers to create a Maui-based version of the Junior Engineering Expo held annually on Oahu by the University of Hawaii College of Engineering.
- WIT provided the necessary materials, instructions and hosting at the Malcolm Center in Kihei. Teachers became STEM ambassadors, setting up after-school classrooms for project work and recruiting students to participate.
- The program involved three design events -- a popsicle stick bridge or a toothpick bridge, which were built at school and transported to the competition, and a spaghetti-marshmallow device constructed at the competition to be tested for weight-bearing capacity.
- Because of the unqualified success of the pilot, WIT plans to expand the EIM program to include students from outlying schools in Hana, Lanai and Molokai next year.

Introduce a Girl to Engineering Day (IGED)

February 18, 2010 Kihei, HI

As part of the national effort to motivate more K-12 girls into engineering careers, WIT again teamed up with the County of Maui, Maui Chapter of the Hawaii Society of Professional Engineers, and a number of local organizations to promote "Introduce A Girl to Engineering Day" (IGED).

- Twenty-eight 7th and 8th grade girls from Iao, Kalama, Lahaina, Lokelani and Maui Waena Intermediate schools were invited to job-shadow local engineers from private sector companies and County of Maui engineering departments.

- Of the 15 engineers who volunteered their time, ten were female -- the most female engineers we've ever had in the history of IGED-Maui!
- Participating companies included:
 - Austin, Tsutsumi & Associates
 - Brown & Caldwell
 - County of Maui
 - Boeing
 - Ronald M. Fukumoto Engineering
 - Hnu Photonics
 - Maui Community College
 - Maui Electric Company
 - Trex Enterprises

"Mighty MO" Digital Workshop

WIT partnered with isisHawaii and USSM partners to put together the content and format for a Digital Media Workshop onboard the USS Missouri as part of the USSM STEM education outreach program.

- Twenty-three Waiakea Middle School (Big Island) students participated in a three-day on-board encampment.
- Through WIT support, a multimedia and education specialist from Hypererspective Studios was retained to develop standards-aligned content for the unique hands-on production workshop.
- Student participants were introduced to concept development, scripting, videoshoot and pre- and post-production phases to create personalized video keepsakes of their experiences on the Mighty MO.



Students learn that science and math are cool when exposed to real world applications.

- Post survey result showed increased retention in historical knowledge and significantly increased confidence in technology skills.
- Trained staff successfully replicated the improved model with incoming students from Lokelani Intermediate School on Maui in March (20 attendees).
- Noteworthy: Accompanying parents were invited to participate in production activities, competing with their children -- a concept that increased engagement in both groups significantly.

Excite Camp

As one of the County's most innovative science and technology events, Excite Camp celebrated its tenth anniversary on June 22-25, 2010, with four action-packed days of hands-on learning and culturally integrated activities.

- This year's Camp hosted 21 seventh and eighth grade girls from Kalama, Kihei Charter, Lokelani, Maui Waena, Kamehameha, St. Anthony and Honolulu Warldorf middle schools, plus eight from Molokai and three from Hana (a first for both areas).
- Over the course of four days, students participated in fun and challenging hands-on STEM projects including using GPS devices to explore an ancient ahupuaa, touring local tech companies, and traveling to the top of Haleakala to see the AEOS telescope.
- Excite Camp is sponsored by MEDB's Women in Technology Project, in collaboration with the University of Hawaii – Institute for Astronomy, U.S. Air Force, Maui Research & Technology Park Tenants, and Maui Community College.

Kama'aina Come Home

WIT partners with Kama'aina Careers to help bring Hawaii talent back into the island workforce.

- Mainland presentations continued this year with MEDB Project Manager Jeni Salvadore and Kama'aina Careers partner Jon Kakurai-Horita teaming up at venues across the nation from Seattle, Washington to Santa Cruz, California, from Las Vegas, Nevada to Orlando, Florida.
- A major outreach effort is ongoing to develop a more interactive, user-friendly "networking" website for kama'aina jobseekers.
- The primarily goal is to integrate all the jobseeker resources into one cohesive interface to help Hawaii students graduating from mainland colleges and qualified Hawaii-born workers connect with STEM employers back home.

EDUCATING THE EDUCATORS

GIS Workshops for Hawaii Educators

Over the quarter, a total of 98 teachers have participated in WIT-sponsored Geospatial professional development workshops across the state. All participating teachers and students continue to receive support on an ongoing basis via online delivery methods.

- A total of five two-day workshops were held on Maui, Molokai, Kauai, Oahu, and the Big Island this past summer. In these "Introduction to GIS" workshops, teachers learned about the cutting-edge technology, interacting with local GIS professionals, and exploring how they and their students can use GIS in the classroom.
- Teachers were encouraged to bring students to the workshops in an effort to train student mentors back in the classroom. This is the second year the workshop series was offered and participation numbers have doubled.



Girls got to take apart and reassemble real computers as Excite Camp celebrated its tenth anniversary this year.

- As a follow up, all participants receive a monthly email with an update on new resources and upcoming events. In addition, the GeoTech for Hawaii Schools Web blog is updated regularly and hosts a growing set of resources.
- Lastly, GeoTech Office Hours are held on a monthly basis through the WIT Elluminate vClass – an online distance-meeting tool that allows for desktop sharing (i.e. software demonstrations) as well as video conferencing. Each session has a topic but allows for Q&A time.

Project Niu Teachers Workshop

January 9, 2010 Honolulu, HI

A continuation of UHM GEARUP cohort activities, the Project Niu workshop provided Waipahu Intermediate teachers with lesson plans and training for student-directed activities in environmental science.

- Nineteen Waipahu Intermediate teachers and 3 Stevenson Intermediate school faculty members participated in the workshop.
- In addition, the Oahu Invasive Species Committee was on hand to talk about their program, present a brief about invasive plant species and discuss potential field activities.

Sustainability Workshop

February 20, 2010 Honolulu, HI

WIT provided logistical preparations and site support for the University of Hawaii College of Engineering through FIRST Academy workshops for middle school teachers.

Over 42 teachers and 8 staff attended. Various keynote speakers shared important information and created activities centering around sustainability.

Island Energy Inquiry Workshops

WIT developed new science curriculum for grades 5-12 called "Island Energy Inquiry". The curriculum had a dual focus for educators: 1) Model strategies for integrating the inquiry process, and 2) Facilitate hands-on learning activities on renewable energy and energy conservation themes.

- Through a partnership with UH Manoa CRDG, three Island Energy Inquiry workshops were facilitated on Oahu, Kauai and the Big Island over the second quarter 2010.
- The teachers received hands-on kits that included miniature solar panels, a wind turbine, and energy meters.
- Each event was a two-day, face-to-face workshop; the course then transitioned into an online course format. Teachers shared final presentation via the online distance learning tool -- Elluminate LIVE.
- Over 90 teachers statewide have now participated in our curriculum and customized hands-on kits. Students statewide are engaging in inquiry science on energy topics as a result.

PROVIDING REAL WORLD EXPERIENCES

Ke Alahele Education Fund

To support the growing need for STEM skills in Hawaii's workforce, our Board of Directors created the MEDB Ke Alahele Education Fund in 2006 as a grant-making vehicle. The Fund invests in broadening career pathways for Maui County residents.

- From February 2009 through February 2010, the Fund awarded grants to 23 local schools and organizations, reaching over 3,700 students and adults for a total of \$85,005.
- Through the generous support from many corporations and individuals who believe in the need for STEM education, MEDB's Ke Alahele Fund garnered contributions totaling over \$200,000 which went a long way to sustaining the goal level set for next year's grant awards.
- Under the program, the Maui High Performance Computing Center (MHPCC) and Pacific Disaster Center also provided internships to two students, to apply their emerging interests in science to real world problems.

Agriculture/High Tech Internships

Through a partnership with the County of Maui and the Maui County Farm Bureau, WIT was able to offer students an exciting and informative agriculture internship experience with a focus on high tech.

The following companies and students were placed:



Teachers practice collecting GPS waypoints during a Mapping Our Future workshop.

Kupa'a Farms: *Kaina Ryan, King Kekaulike High, sophomore. Intern was exposed to certified organic and coffee farming, from seed to harvest.*

Kupuhou Organic Farm: *Kim Dae Jones, Baldwin High, senior/junior. Intern participated in daily operations of a certified organic farm -- native plant restoration, permaculture, and sustainability. Also, the intern also helped develop a website for the farm.*

Hawaiian Commercial & Sugar (HC&S): *Bryce Rubican, Maui High, senior. Intern worked with HC&S to become proficient with an iPAQ PDA to help company with the field observations involving GIS and GPS technologies. HC&S would like to begin integrating their maps with field observations and then enter data into the database.*

Maui Electric: *Andrew Alimbuyuguen, King Kekaulike High, senior. Intern worked with the GIS department to scan drawings and catalog in database, update streetlight data in GIS among other GPS-related tasks.*

WIT Internship Oahu Program

WIT partners with various advanced tech companies on Oahu to provide internships for qualified college students.

- At the completion of their programs, seven student interns presented individual project reports at the Manoa Innovation Center in Honolulu. It was estimated that each intern's work saved each company about \$8000 in time and labor.
- Company mentors learned new tech skills and resources from students (and vice versa). At the end of the internships, two students were actually hired by their companies.

Pearl Harbor/WIT Oahu internships

WIT Oahu co-sponsored a six to eight week project-based mentor/internship program with the non-nuclear division of the Pearl Harbor Naval Shipyard.

Nine student interns were placed – 56% of them female. Initial feedback looks promising to continue this program next year.

PRESENTING STEM MODELS

EPICS National Conference

July 3 – 5, 2009 Austin, Tx

The EPICS Conference provides a forum for members of the service based/project based community to come together and share their experiences and knowledge.

This year the WIT team highlighted the EAST project on the remote island of Molokai and its success to date. EAST students on that island share enormous pride in their island community and have a special way of celebrating and preserving their Hawaiian culture and sacred sites.

ESRI International User Conference

July 10 – 13, 2009 San Diego, CA

The Education User Conference provides a forum for members of the academic community to come together and share their experiences and knowledge.

- Topics covered included administering, planning, designing curriculum and degree programs; GIS in libraries and museums; education research and teacher education; community projects and partnerships.
- Isla Young, WIT program manager, gave a presentation highlighting the growing Geotech program – its inception, growth, and success to date. Conference attendees were very interested in the statewide licensing agreement and the distribution center that has been developed.

13th Annual Continuums of Service Conference

March 31- April 2, 2010 Portland, OR

The Conference invited leaders from higher education, K-12 education, community-based organizations, government agencies, philanthropic organizations, businesses, and grassroots efforts to convene and discuss strategies to implement shared leadership and responsibility to strengthen communities across the region.

- Frank De Rego and Isla Young presented an interactive presentation on MEDB/WIT as a convener of service learning.
- Conference participants who attended the session stated in their evaluation that they strongly "Agreed" that the session would be helpful in their work.

2010 Women in Engineering ProActive Network (WEPAN) Conference

April 12-14, 2010 Baltimore, MD

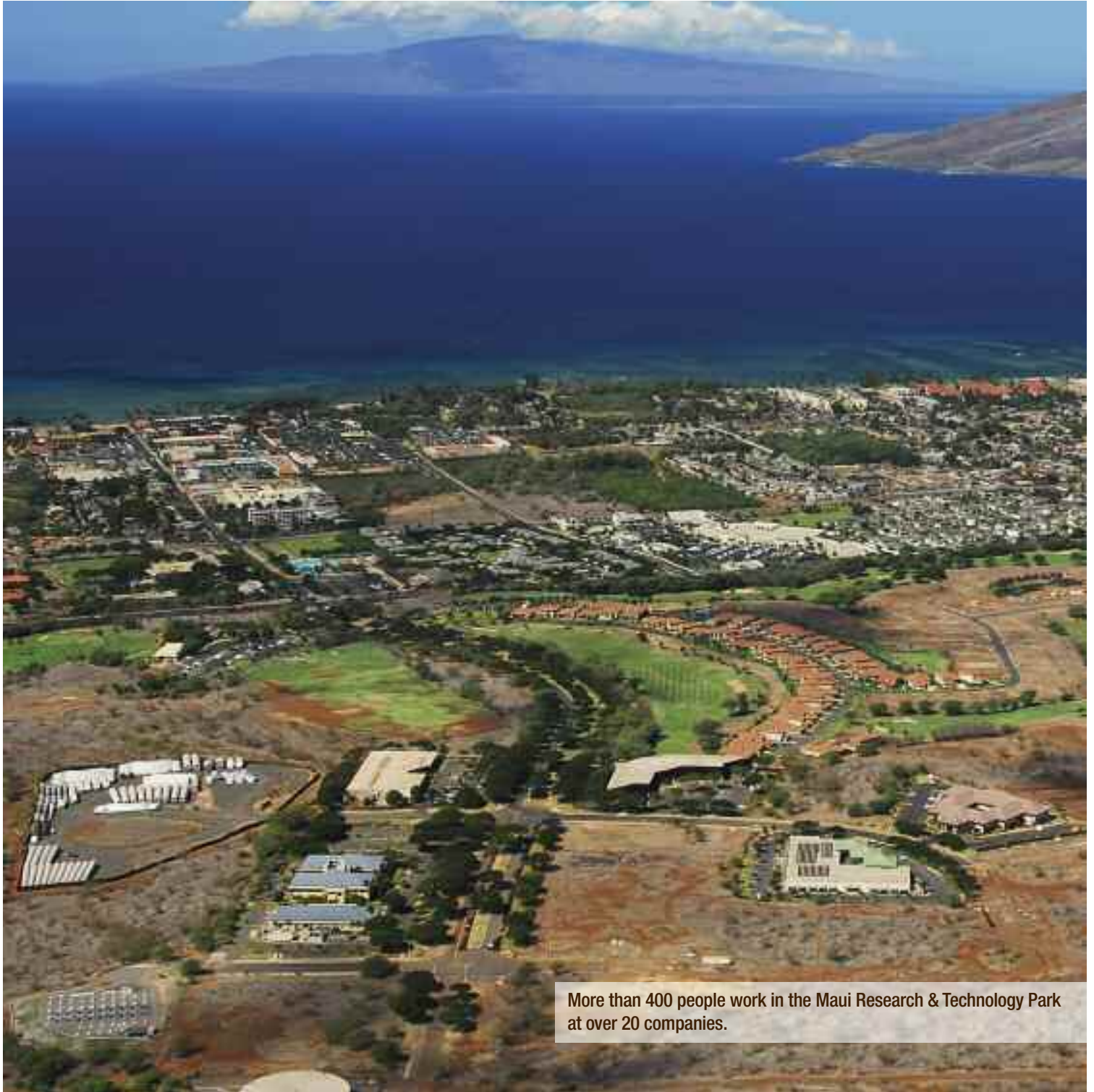
With a clear focus on research-based issues and solutions, WEPAN helps its members develop a highly prepared, diverse engineering workforce for tomorrow. The theme of the 2010 National Conference was entitled "Setting Sail for the future: Leveraging diversity for a stronger crew".

- Over 200 participants from across the country met to share best practices that will help transform engineering education for all women.

- The WIT team of Leslie Wilkins and Jenilynne Salvador presented a research paper “Connecting Students to Their Future”.



Students were exposed to Native Hawaiian agriculture by working in the lo'i gaining a hands-on understanding of taro cultivation.



Program Goal 4

Expand support for **policies and funding** that ensure the availability of sustainable living wage jobs throughout Maui County

Reaching Out Through Partners

Each year, MEDB works with federal, state and county officials, as well as organizations with similar goals to help expand our Education to Workforce objectives.

These include the Maui Chamber of Commerce, Hawaii Council on Economic Education, Maui Visitors Bureau, Mental Health Association, Tri-Isle R C & D Council, Women's Fund of Hawaii, Business and Professional Women USA, Economic Development Alliance of Hawaii, State EPSCoR Committee, Nonprofit Directors Association, Hawaiian Immersion, and 4H.

Tech companies discuss challenges with House leaders

At the request of State House leaders Kyle Yamashita and Pono Chong, MEDB convened a dozen tech-related companies to discuss challenges, opportunities and the role of the state legislature in their future.

- Act 221/215 which sunsets in 2010, was a key part of the conversation.
- The discussion produced some constructive concepts on how the bills can be shaped to work with the tight economic times going forward.

County studies wastewater options

MEDB VP Leslie Wilkins has been tapped along with 21 others in the community to serve on the Mayor's Maui Wastewater Community Working Group.

- The Working Group will develop recommendations to the County's Department of Environmental Management and Divisions of Wastewater Reclamation toward achieving Mayor Tavares' goal of 100% wastewater recycling.
- Performance measures include: 1) increasing reliability of existing facilities; 2) expanding sewer system to non-sewer areas; 3) increasing the volume of reclaimed water; 4) improving the quality of treated effluent; 5) decreasing odors.

EDBs weigh in on "reinventing government"

During the 2009 legislative session, House Concurrent Resolution 76 established a Task Force on Reinventing Government.

- Task Force members include Don Horner-FHB (chair), Sen. Donna Kim, Rep. Marcus Oshiro, John Monahan-HVCB, Reggie Castanares-Plumbers Union, Walter Ozawa-Judiciary, Mark Fukunaga-Servco, Laura Thielen-DLNR, Lynn McCrory-Pahio Development, Randy Perreira-HGEA.
- Economic Development Boards across the islands were asked to weigh in on the subcommittee focused on the Department of Business, Economic

Development & Tourism (DBEDT) and how it could provide more efficient and effective service. The results were presented to the 2010 Legislature.

Maui Island Plan process moves into Economic Development section

MEDB monitored discussions as the Maui County Council's Planning Committee began their review of the Maui Island Plan. Of particular interest was the Economic Development section.

- In her testimony, MEDB President and CEO recommended the Committee consult the recently completed Comprehensive Economic Development Strategy process in their deliberations. The section outlines economic strategy articulated by over a hundred participants drawn from eight economic sectors.
- The Maui Island Plan is part of the General Plan that will include long-awaited maps that will formally designate the County's Urban Growth Boundaries.

VIPs visit STEM programs at Maui schools

- Dr. Pat DeLeon, Chief of Staff of Senator Inouye's Washington D.C. office came to town for a full day of presentations at Kalama and Maui Waena Intermediate Schools, Maui High as well as the Maui Memorial Medical Center.



Maui High School Robotics team shows off their engineered robot to Dr. Patrick DeLeon, Chief of Staff, Office of U.S. Senator Inouye and Dr. Peter Crouch, Dean, UH Manoa College of Engineering.

- Dr. Peter Crouch, Dean of the UH College of Engineering, visited Maui, setting aside time to talk to Project EAST facilitator and students from the EAST labs at Maui High School.



Board member Mike Maberry will serve on Aerospace Advisory Committee

- In June 2010 Mike Maberry from the UH Institute of Astronomy, was appointed to represent MEDB on the State's newly formed Aerospace Advisory Committee.
- Given his close involvement with AMOS and the Maui Space Surveillance Site (MSSS), in addition to his familiarity with legislative matters on the county, state and national levels, Mr. Maberry is ideally positioned to help represent Maui's space-related activities.

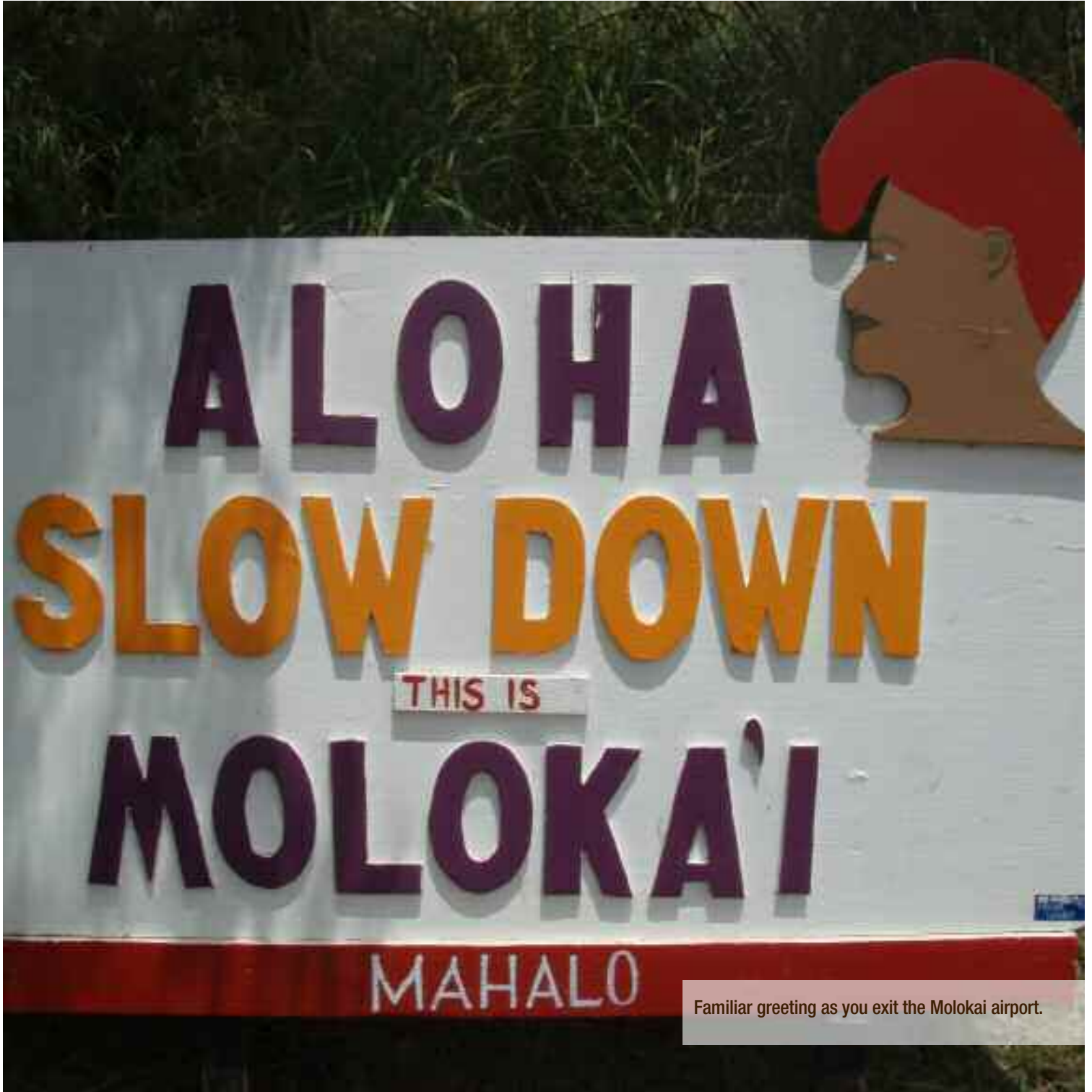
Participating In The Community

The MEDB staff is encouraged to share expertise and perspectives with the community through active participation in boards and groups. These activities help achieve our mission through the work of organizations with complimentary goals.

We are also enriched learning firsthand about other challenges, opportunities and solutions in our community. In 2009-10, staff volunteered time as members of:

- A Keiki's Dream
- Business and Professional Women
- Economic Development Alliance of Hawaii
- EPSCOR Statewide Committee

- General Plan Advisory Committee
- Hawaii Clean Energy Initiative Working Groups
- Hawaii Council on Economic Education
- Hawaii FIRST LEGO® League
- Hawaii Geographic Information Coordinating Council (HIGICC)
- Hawaii Science Teachers Association (HASTA)
- Hawaii Soccer Federation
- Hawaii Womens Fund
- Hui Malama Learning Center
- Ka Ipu Kukui Fellows
- Kula Malu Football Association
- Maui Chamber of Commerce
- Maui County Committee on the Status of Women
- Maui County Cost of Government Commission
- Maui County Energy Alliance
- Maui County Workforce Investment Board
- Maui Farm Bureau
- Maui Food Technology Center
- Maui Nonprofit Directors Associations
- Maui Visitors Bureau
- Maui Youth Soccer League
- Molokai Chamber of Commerce
- Society of Women Engineers, Hawaii Affiliate
- Tri-Isle Resource Conservation & Development Council
- University of Hawaii College of Engineering Dean's Council
- Maui County Wastewater Community Working Group



Familiar greeting as you exit the Molokai airport.

Program Goal 5

Provide research and analysis on economic issues that promote informed decision-making within the Maui County community

Capturing And Delivering Information

Molokai Report completed and distributed

Commissioned by the County Office of Economic Development and the Molokai Chamber of Commerce, MEDB Project Director John Harrison spent more than six months developing a comprehensive report that identified specific needs and entrepreneurial opportunities to support the future economy of Molokai.

- After final editing and formal review, the Molokai Report was distributed to County policymakers and Molokai respondents in late 2009.
- Among the valuable information documented, the report generated a definitive business directory for Molokai – the first time one ever assembled. It included the most up-to-date information on 250 businesses, from single owners to the largest corporation, Monsanto, which employs 100 full-time and 50 seasonal workers.

Energy Alliance publishes recommendations

MEDB compiled final recommendations of the five working groups formed under the County's Energy Alliance as the basis for Maui's 2010 Energy Expo. The 135-page document has been published and is currently available on the County website.

Water modeling project enters second phase

Last year, MEDB began working with the Millennium Institute (MI) to better inform decision makers on Maui's water resources and plan for sustainable

growth on the island. MI is an international nonprofit organization that develops systems dynamic modeling tools that help communities understand the social, environmental and economic impacts of proposed strategies.

- A Water Working Group was formed made up of 20 members from government, business and the community who provided a diverse cross-section of stakeholders on our water problems.
- In August 2009 the Group was presented with the first iteration of MI's "Water Model," and received feedback on its structure and possible uses.
- Andrea Bassi of the Millennium Institute led the Water Working Group on solutions to issues concerning water availability. Discussions produced some consensus on priorities that will be helpful in shaping Focus Maui Nui's Community Conversation sessions in upcoming months.
- In-depth discussion centered on looking at investments in greater care of our watersheds, i.e., better maintenance, preservation; in reservoirs and making them more efficient; and in recycling more wastewater.
- MEDB submitted written testimony to the Water Commission offering the Millennium planning tool to help find solutions that balance multiple needs and concerns of the community.
- On the community end, MEDB is working with Fern Tiger Associates to design a Community Conversation session called "WaterStory" to educate and engage residents about Maui's water supply and other related aspects.



MEDB installed a new PV array on the rooftop of MEDB's Malcolm Center.

Conference Papers and Publications

These WIT research papers were accepted, presented and/or published at the following national conferences.

- 2010 WEPAN/NAMEPA National Conference: Women in Technology: Connecting Students to Their Future.
- 2010 ESRI International Education Conference: Women in Technology: Hawaii leads the Geospatial Way.

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Ho'okina (to persist)

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First Hawaiian Bank
Maui Electric Company, Ltd.

Maui Publishing Company, Ltd.
Monsanto Company

Ho'oikaika (to encourage, strengthen)

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Bank of Hawaii
Central Pacific Bank
First Insurance Company of Hawaii, Ltd.
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Maui Land & Pineapple Company, Inc.
Northrop Grumman Corporation
Oceanit
Pacific Disaster Center
Referentia Systems, Inc.
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Malama (to take care)

Akimeka, LLC
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Hawaiian Telcom
Lockheed Martin
Wailea Marriott Resort
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Ho'omohala (to develop)

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Maui Oil Company, Inc.
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Ho'okumu (to create)

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 Research Corporation of the University of Hawaii
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AMOS CONFERENCE

Po'okela

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Lokahi

Raytheon
 Laulima
 General Dynamics

Kupa'a

Analytical Graphics Inc.
 BAE Systems
 Lockheed Martin
 Pacific Defense Solutions
 Sandia National Laboratories

Malama

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 Applied Optimization
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 Oceanit
 The Raytheon Company
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 Textron Systems Corporation
 Trex Hawaii, Inc.

Tutor

A&B Foundation/Alexander & Baldwin, Inc.
 BAE Systems
 Bank of Hawaii
 Dell Computers
 First Hawaiian Bank
 Grand Wailea Resort Hotel & Spa
 Haleakala Ranch Company
 Hawaii Employers' Mutual Insurance Company, Inc.
 Hnu Photonics
 Maui Hotel & Lodging Association
 Maui Lani
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 Pacific Disaster Center
 Prudential Locations Maui/Atlas Insurance
 Queen Ka'ahumanu Center
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 SAIC
 Service Rentals & Supplies, Inc.

University of Hawaii
 Valley Isle Community Federal Credit Union
 The Yokouchi Foundation
 Young Brothers

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National Solar Observatory
NSC Partners LLC
Our Little Secret
Pacific Defense Solutions, Inc.
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Richard Priest
Richard Sloan
Rising Sun Solar, LLC
Roy & Betty Katsuda
Scott Weeker
Sheri Tihada & guest
Teri Edmunds
Title Guaranty Escrow
Wailea Marriott Beach Hotel
Waiolani Elua, Inc.
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Wes Lo
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Four Seasons Resort Maui
Grand Wailea Resort Hotel & Spa
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Hashimoto Persimmon Farms
Hawaiian Airlines
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Ka'anapali Golf Resort
Kapalua Adventures
Kapalua Golf Resort
Kimo's
Kupanaha Magic Show

Kurt Suzuki
Mala, An Ocean Tavern
Mandalay Bay Hotel & Casino
Mark & Judy Ellman
Maui Arts & Cultural Center
Maui Cattle Company
Maui Coast Hotel
Maui County Farm Bureau
Maui Jim/Walter Hester
Maui Land & Pineapple Company
Maui Ocean Center
Maui Prince Hotel/Makena Golf Resort
Maui Taco's
Maui Thing
Maui Zen Day Spa
Mayor Charmaine Tavares
Merriman's/Peter Merriman
Old Lahaina Luau
Outback Steakhouse
Pacific Whale Foundation
Paradise Flower Farms
Penne Pasta
Piiholo Ranch
Ritz Carlton, Kapalua
Round Table Pizza
Ruth's Chris Steak House
Sansei Seafood Restaurant & Sushi Bar
Senator Roz Baker
Senator Shan Tsutsui
Shane Tegarden Photography
Shane Victorino
Shangri-la Sailing Charters/Hula Girl
Stella Blues Cafe
The Boeing Company
The Challenge at Manele
The Fairmont Kea Lani, Maui
The King Kamehameha Golf Club
The Lodge at Koele
The Mirage Hotel and Casino
Tiffany & Company

Tommy Bahama's Tropical Cafe
Trilogy Excursions
U.S. Representative Mazie Hirono
U.S. Senator Daniel Inouye & Ms. Irene Hirano
'Ulalena
Wailea Old Blue Golf Club
Warren & Annabelle's Magic Show

Staff Associates

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Diana Papini Warren
Amy Weintraub
Jody Yoshida
Isla Young



maui economic development board, inc.

1305 North Holopono Street, Suite 1 • Kihei, Maui, Hawaii 96753
phone: 808.875.2300 • fax: 808.879.0011 • email: info@medb.org • www.medb.org



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