



Written Statement of
Robbie Melton
Executive Director & CEO
High Technology Development Corporation
before the
House Committee on Finance
Tuesday, February 28, 2017
1:00 p.m.
State Capitol, Conference Room 308

In consideration of
HB1329 HD1
RELATING TO TECHNOLOGY DEVELOPMENT.

Chair Luke, Vice Chair Cullen, and Members of the Committee on Finance.

The High Technology Development Corporation (HTDC) **supports** HB1329 HD1 that Appropriates funds for grants to participants in the 2017 and 2018 Hawaii annual code challenge so that the projects created during the challenges can be developed into prototypes. Requires matching funds.

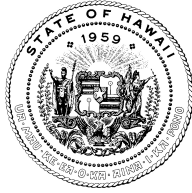
As part of HTDC's vision to create 80,000 new innovation jobs in Hawaii earning \$80,000 or more by 2030, HTDC supports initiatives aimed at promoting technology and innovation jobs. The Hawaii Annual Code Challenge is a "hackathon" style competition aimed at promoting civic engagement, open government, and finding innovative solutions for some of government's challenges. Hackathon events are designed to rapidly create early proof of concept projects of potential solutions without regard to quality control testing, optimization, or completeness. The rapid development allows teams to present their ideas for user input and feedback. This technique is often used as an agile approach to commercial software development with subsequent iterations providing optimization and quality control.

While the primary goals of the Hawaii Annual Code Challenge (HACC) is to engage the local tech community in the modernization of Hawaii state government, there are greater opportunities to develop some of the projects into solutions that government can benefit from. The bill appropriates funds to build upon the success of the HACC. It will also assist in strengthening the tech community.

We respectfully request correction of the defective effective date. We support this initiative as long as it does not replace our priorities requested in the Executive Budget.

Thank you for the opportunity to offer these comments.

DAVID Y. IGE
GOVERNOR



TODD NACAPUY
CHIEF INFORMATION
OFFICER

STATE OF HAWAII
OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

P.O. BOX 119, HONOLULU, HI 96810-0119
Ph: (808) 586-6000 | Fax: (808) 586-1922
ETS.HAWAII.GOV

Testimony of
TODD NACAPUY
Chief Information Officer, State of Hawai'i

Before the

HOUSE COMMITTEE ON FINANCE
Tuesday, February 28, 2017; 1:00 p.m.
State Capitol, Conference Room 308

HOUSE BILL NO. 1329 H.D. 1
RELATING TO TECHNOLOGY DEVELOPMENT

Chair Luke, Vice Chair Cullen, and Members of the Committee:

I am Todd Nacapuy, Chief Information Officer of the State of Hawai'i and head of the Office of Enterprise Technology Services (ETS), testifying in **support** of House Bill No. 1329, H.D. 1, Relating to Technology Development, which appropriates funds to the High Technology Development Corporation (HTDC) for grants to participants in the 2017 and 2018 Hawai'i Annual Code Challenge (HACC) so that the proofs of concept created during the challenges can be developed into prototypes.

The inaugural HACC, held in summer 2016, was the result of collaboration across public and private sectors. In coordinating the event, ETS partnered with HTDC and various other departments and agencies, as well as community partners, to engage the local tech community in promoting an efficient, effective and open government.

To further support our collaborative efforts to maximize community participation in the development of proofs of concept, we suggest that the committee consider amending Section 2, subsection (b) to explicitly allow for the use of funds toward enhancing the HACC event as a venue for innovation and the sharing of ideas, as follows:

(b) The high technology development corporation may expend some of the funds appropriated by this Act **to support event production**, to manage the prototype implementation process, and to execute an adoption plan for the project, including marketing, outreach, **logistics**, and communications.

ETS looks forward to continuing to work with HTDC and our other partners to ensure success for future HACC events.

Thank you for this opportunity to testify in support of this bill.

THE CIVIL BEAT
LAW CENTER FOR THE PUBLIC INTEREST

700 Bishop Street, Suite 1701
Honolulu, HI 96813

Office: (808) 531-4000
Fax: (808) 380-3580
info@civilbeatlawcenter.org

House Committee on Finance
Honorable Sylvia Luke, Chair
Honorable Ty J.K. Cullen, Vice Chair

RE: Testimony Supporting H.B. 1329 H.D. 1, Relating to Technology Development
Hearing: February 28, 2017 at 1:00 p.m.

Dear Chair and Members of the Committee:

My name is Brian Black. I am the Executive Director of the Civil Beat Law Center for the Public Interest, a nonprofit organization whose primary mission concerns solutions that promote governmental transparency. Thank you for the opportunity to submit testimony **supporting H.B. 1329 H.D. 1**.

Hawaii's annual code challenges provide an opportunity for private-sector technology professionals to work with government agencies on solutions to make sense out of Hawaii's open datasets. Making government information publicly accessible is only the first step toward an informed citizenry. Especially with complex big data, the public needs tools to help process the information. These projects help close that gap.

But the proof-of-concept from code challenges falls short of creating a functional solution. The proposed appropriation in H.B. 1329 H.D. 1 for a grants program will advance meaningful transparency for government data.

Thank you again for the opportunity to testify.



February 28, 2017

Statement of: **Burt Lum, Executive Director, Hawaii Open Data**
Testimony presented before the

House Committee on Finance

Tuesday, February 28, 2017, 1:00 p.m.
State Capitol, Conference Room 308

In consideration of
HB1329 HD1
RELATING TO TECHNOLOGY DEVELOPMENT.

Chair Sylvia Luke, Vice Chair Ty J.K. Cullen, and Members of the Committee on Finance:

I, Burt Lum, Executive Director of Hawaii Open Data, offer my **Strong Support** for HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

The Hawaii Annual Code Challenge is a unique opportunity for the tech and startup community to collaborate with government departments to develop innovative solutions to some of the pressing social challenges facing Hawaii.

HB1329 HD1 is necessary because hackathons like the HACC, even after 30-days only produce, at best, proof of concepts, but are not complete products. This appropriation bridges the known gap between proof of concept, prototype and commercial product. It not only offers a pathway for the development of civic tech but also enables the teams to evolve into startup businesses.

As part of this program a matching amount, not to exceed 50% of the appropriated amount, will be sought from corporate, philanthropic, and other nongovernment sources.

Thank you for the opportunity to offer this testimony.

Statement of: Brian Dote, Owner, Tapiki.
Testimony presented before the

House Committee on Finance

Tuesday, February 28, 2017, 1:00 p.m.
State Capitol, Conference Room 308

In consideration of
HB1329 HD1
RELATING TO TECHNOLOGY DEVELOPMENT.

Chair Luke, Vice Chair Cullen, and Members of the Committee on Finance:

Tapiki offers our **Strong Support** for HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

I am the owner of Tapiki, a local mobile app development company. I have had the opportunity to work at large Silicon Valley tech firms (Apple, Cisco). I was on the team that worked on the original iPhone, having been selected to write mobile web technologies that resulted in my receiving 5 US patents. I've worked on many products you and your constituents use today.

After moving back to Hawaii I have tried to bring what I've learned and experienced in Silicon Valley to our home here in the Islands. I have been a co-founder at multiple local startups and as strong advocate of our growing startup community.

Starting tech companies out in the middle of the Pacific isn't easy. We are faced with many challenges and that is why I am submitting testimony in support of HB1329 HD1.

HB1329 HD1 is necessary because hackathons like the HACC, even after 30-days only produce, at best, proof of concepts, but are not complete products. This appropriation bridges the known gap between proof of concept, prototype and commercial product. It not only offers a pathway for the development of civic tech but also enables the teams to evolve into startup businesses.

As part of this program a matching amount, not to exceed 50% of the appropriated amount, will be sought from corporate, philanthropic, and other nongovernment sources.

Thank you for the opportunity to offer this testimony.

Statement of: Brittany Heyd as individual
Testimony presented before the

House Committee on Finance

Tuesday, February 28, 2017, 1:00 p.m.
State Capitol, Conference Room 308

In consideration of
HB1329 HD1
RELATING TO TECHNOLOGY DEVELOPMENT.

Chair Luke, Vice Chair Cullen, and Members of the Committee on Finance:

I offer my **Strong Support** for HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

I recently moved to Hawaii and have been a cofounder, Managing Director and General Counsel of 1776, a global incubator and seed venture fund based in Washington, DC. Because of the support 1776 got in Washington, DC, we were able to help build the tech ecosystem over the last 4 years to compete globally for the best and brightest. Upon moving to Hawaii, I hoped that there would be a strong entrepreneurship community and public programs that promote the development of technology and innovation. I was happy to learn that there are several groups committed to making this happen. I hope to contribute in the future as well to promote economic development and the diversification of high paying, high value jobs. The government support, both financial and moral, is important for fueling the success of the startup ecosystem and for creating solutions for civic tech that can help the public sector serve its goals better and more efficiently. I believe this bill does exactly that.

HB1329 HD1 is necessary because hackathons like the HACC, even after 30-days only produce, at best, proof of concepts, but are not complete products. This appropriation bridges the known gap between proof of concept, prototype and commercial product. It not only offers a pathway for the development of civic tech but also enables the teams to evolve into startup businesses.

As part of this program a matching amount, not to exceed 50% of the appropriated amount, will be sought from corporate, philanthropic, and other nongovernment sources.

Thank you for the opportunity to offer this testimony.

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 26, 2017 10:23 PM
To: FINTestimony
Cc: dkealoha@gmail.com
Subject: Submitted testimony for HB1329 on Feb 28, 2017 13:00PM

HB1329

Submitted on: 2/26/2017

Testimony for FIN on Feb 28, 2017 13:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Donavan Kealoha	Individual	Support	No

Comments: Strongly support

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 26, 2017 7:08 PM
To: FINTestimony
Cc: forestaf@gmail.com
Subject: Submitted testimony for HB1329 on Feb 28, 2017 13:00PM

HB1329

Submitted on: 2/26/2017

Testimony for FIN on Feb 28, 2017 13:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Forest Frizzell	Individual	Support	No

Comments: Aloha Chair Luke, Vice Chair Cullen, and Members of the Committee on Finance: I offer my strong support for this bill. As a member for the tech and business community it's imperative that we support local tech entrepreneurs. Mahalo for your consideration. - Forest Frizzell

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 27, 2017 12:06 PM
To: FINTestimony
Cc: mckay.davis+hileg@gmail.com
Subject: Submitted testimony for HB1329 on Feb 28, 2017 13:00PM

HB1329

Submitted on: 2/27/2017

Testimony for FIN on Feb 28, 2017 13:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
McKay Davis	Individual	Support	No

Comments: I again offer my STRONG SUPPORT for HB1329 HD1 and believe it will greatly strengthen Hawaii's economic future by growing the local technology community.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

Statement of: Andrew Wong, Software Developer
Testimony presented before the

House Committee on Finance

Tuesday, February 28, 2017, 1:00 p.m.
State Capitol, Conference Room 308

In consideration of
HB1329 HD1
RELATING TO TECHNOLOGY DEVELOPMENT.

Chair Luke, Vice Chair Cullen, and Members of the Committee on Finance:

I, Andrew Wong, offer my **Strong Support** for HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

As we can attest to, many state offices are understaffed, but have huge potential to gain from improvements in technology. The HACC hackathon provides many state offices with the opportunity to try new ideas without the risk of onboarding a large staff that may or may not receive continued funding.

As a participant of this year's hackathon, we helped our "client" (Jobs for Disabled Citizens) further refine their problem, as well as propose solutions to the pitch that they presented. Working with these clients has, for the most part, been overwhelmingly powerful.

Providing continued funding for this activity would certainly help to catalyze innovation and provide a pathway for these prototypes to get implemented. This program also encourages civic engagement and encourages the collaboration between the community and government.

Thus, in my view, supporting this program would reap financial benefits for the state as follows:

- Attracting local talent via the prizes and food at the hackathon,
- Helping possible business ventures make the leap between idea and development with aid in funding, and
- Helping local state offices to improve their workflows with the help of technology

Thank you for the opportunity to offer this testimony.

LATE

EST. 1988

HVCA

HAWAII VENTURE CAPITAL ASSOCIATION

Statement of
Melialani James
President
Hawaii Venture Capital Association (HVCA)

Testimony Presented Before the
House Committee on Finance
Tuesday, February 28, 2017, 1:00 p.m.

In consideration of
HB1329 HD1 RELATING TO TECHNOLOGY DEVELOPMENT.

Chair Luke, Vice Chair Cullen and members of the Committee:

The Hawaii Venture Capital Association (HVCA) **strongly supports** HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

Since its founding in 1988, the Hawaii Venture Capital Association (HVCA) has stood as a nexus for entrepreneurs, capital foundation, and networking opportunities in Hawaii. Fostering entrepreneurship through education and exposure to prime members of our business community continues to be our goal as we strive to grow a vibrant and successful venture community.

The Hawaii Annual Code Challenge is a unique opportunity for the tech and startup community to collaborate with government departments to develop innovative solutions to some of the pressing social challenges facing Hawaii.

This program is necessary because hackathons like the HACC, even after 30-days only produce, at best, proof of concepts, but are not complete products. This grant program bridges the known gap between proof of concept, prototype and commercial product. As part of this program a matching amount, not to exceed 50% of the appropriated amount, will be sought from corporate, philanthropic, and other nongovernment sources.

Thank you for the opportunity to offer our comments on this bill.

LATE



Statement of
Tarik Sultan
Managing Partner
Sultan Ventures

Testimony Presented Before the
House Committee on Finance
Tuesday, February 28, 2017, 1:00 p.m.

In consideration of
HB1329 HD1 RELATING TO TECHNOLOGY DEVELOPMENT

Chair Luke, Vice Chair Cullen and members of the Committee:

Sultan Ventures respectfully submits testimony in **strong support** of HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

Sultan Ventures is a Hawaii-based boutique venture firm focusing on early stage startups and investments. As a startup catalyst, we provide pivotal resources via our powerful network of experts and investors. We work closely with innovative startups, and run the XLR8UH program in partnership with UH, providing the hands-on expertise and access to capital needed to accelerate growth.

The Hawaii Annual Code Challenge is a unique opportunity for the tech and startup community to collaborate with government departments to develop innovative solutions to some of the pressing social challenges facing Hawaii.

This program is necessary because hackathons like the HACC, even after 30-days only produce, at best, proof of concepts, but are not complete products. This grant program bridges the known gap between proof of concept, prototype and commercial product. As part of this program a matching amount, not to exceed 50% of the appropriated amount, will be sought from corporate, philanthropic, and other nongovernment sources.

Thank you for the opportunity to offer our comments on this bill.

LATE



Statement of
Omar Sultan
Managing Partner
XLR8UH

Testimony Presented Before the
House Committee on Finance
Tuesday, February 28, 2017, 1:00 p.m.

In consideration of
HB1329 HD1 RELATING TO TECHNOLOGY DEVELOPMENT

Chair Luke, Vice Chair Cullen and members of the Committee:

XLR8UH respectfully submits testimony in **strong support** of HB1329 HD1 that establishes a program to be administered by the High Tech Development Corporation to provide grants and mentorship to teams that develop proof of concepts resulting from the Hawaii Annual Code Challenge (HACC).

One of the first of its kind in the nation, XLR8UH is a public-private partnership with University of Hawaii through the Office of the Vice President for Research and Innovation and Honolulu-based Sultan Ventures, a boutique venture firm. Although just over 2 years old, XLR8UH is already a multiple award winning, venture accelerator program, nationally recognized by the Small Business Association in 2015 and 2016 and the Economic Development Association in 2016 under the Department of Commerce Regional Innovation Strategies i6 Challenge, that makes small, targeted, high-impact investments to support startup creation, innovation and help turn technology into jobs.

The Hawaii Annual Code Challenge is a unique opportunity for the tech and startup community to collaborate with government departments to develop innovative solutions to some of the pressing social challenges facing Hawaii.

This program is necessary because hackathons like the HACC, even after 30-days only produce, at best, proof of concepts, but are not complete products. This grant program bridges the known gap between proof of concept, prototype and commercial product. As part of this program a matching amount, not to exceed 50% of the appropriated amount, will be sought from corporate, philanthropic, and other nongovernment sources.

Thank you for the opportunity to offer our comments on this bill.

LATE

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 27, 2017 8:46 PM
To: FINTestimony
Cc: hawaiiifishingfanatic@gmail.com
Subject: *Submitted testimony for HB1329 on Feb 28, 2017 13:00PM*

HB1329

Submitted on: 2/27/2017

Testimony for FIN on Feb 28, 2017 13:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Don Aweau	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov