



## 2018 Grant-in-Aid Application

### I. Background & Summary

#### 1. Brief description of the applicant's background:

ThinkTech Hawaii is a 501(c)(3) nonprofit digital media corporation. Founded in 2001, ThinkTech's motto is *Every Day Better*, with a mission to raise public awareness for a better Hawaii and to provide a digital media platform for the promotion of civic engagement in Hawaii, with a focus on technology, energy, diversification, and globalism.

ThinkTech offers up digital media content in the form of livestreamed talk shows, a YouTube channel, podcasts, Facebook Live broadcasts, and a weekly OC16 television show.

From its studio space in downtown Honolulu, ThinkTech produces 30-35 talk shows every week, which are broadcast live on its website, on Livestream.com, and on Facebook Live. ThinkTech's YouTube channel offers an on-demand archive of its past shows; currently, ThinkTech has over 7,500 shows that can be accessed online through both its YouTube channel and its website. ThinkTech content is also available through distribution to 'Olelo Community Media and PEGMedia, a media transfer site for public, education, and government community television stations and producers.

Since its inception in 2013, ThinkTech's YouTube channel has garnered over 1.5 million views, while its television show is broadcast on OC16 seven times a week to 340,000 subscribed households.

ThinkTech is committed to accuracy, credibility, and diversity within its offered content. Livestreamed talk shows provide a fresh take on local, national, and international issues, including legislation, current events, the military, Hawaiian culture, local tech and energy advancements, real estate, and community concerns.

#### 2. Goals and Objectives related to the request:

ThinkTech Hawaii intends to utilize any awarded monies in pursuit of the following goal and objective:

**GOAL:** Upgrade ThinkTech's production equipment and software with the most up-to-date technology.

**OBJECTIVE:** ThinkTech will replace one of its aging NewTek TriCaster models with the NewTek TriCaster TC1, allowing for necessary staff re-training and installation and integration of the equipment.

ThinkTech's ability to produce quality content, provide a digital platform for the community, and promote civic engagement is dependent upon the equipment that it uses to fulfill its goals. As Hawaii's leading digital media nonprofit, ThinkTech takes seriously its responsibility to its followers and supporters, as well as the community in general. ThinkTech must uphold its position as a bastion of technology and civic engagement in Hawaii by staying abreast of the latest advancements in media and tech.

As digital media programs advance, so too does the high-tech equipment needed to produce such content. ThinkTech's current multi-camera production systems, the NewTek TriCaster 410 and TriCaster 460, are older models. These systems run 24 hours a day, seven days a week. The TriCaster equipment is absolutely essential to ThinkTech's success and the fulfillment of its mission. Such equipment serves as the means by which ThinkTech interacts with the public and advocates for public awareness and civic engagement. The interminable operation of the TriCaster 410 and 460 naturally means that the equipment degrades over time, increasing the number of crashes and interruptions of streamed content. These delays in production have cost ThinkTech viewers and listeners, and have threatened to damage its reach into the community and its ability to raise public awareness and increase civic engagement. Additionally, like all outdated technological platforms, manufacturer support and technical maintenance for these systems decrease as time goes on. ThinkTech's ability to quickly resolve any broadcasting issues will continue to decline as the already outmoded systems age further.

The purchase and installation of the TriCaster TC1 would allow ThinkTech to better the production value of its content, providing a higher quality of service to its viewers, listeners, followers, and the community at large. The TC1 is the latest offering from NewTek, a leader in the video and broadcasting production industry. The TC1 will allow ThinkTech to more quickly set up for livestreaming on its website, Facebook Live, and Livestream.com, then publish the resulting content to YouTube. The TC1 uses built-in Network Device Interface (NDI) technology, resulting in an interconnected production environment, where all devices are connected to one another. This automated connectivity system would allow ThinkTech to streamline its live production possibilities, especially in the event of breaking news events and real-time reporting.

The digital media community, and the global community at large, march toward advancement and progress every day. As Hawaii's leading digital media nonprofit, ThinkTech understands its responsibility to lead the state to innovations in civic interaction and engagement, while encouraging public awareness in the issues that affect us all.

### **3. Public purpose and need to be served:**

In today's volatile media environment, there is a great need for accurate news reporting from credible sources. The general public has shown a desire for journalism and news from alternate sources, rather than mainstream media. At the same time, distrust for opposing viewpoints has

given rise to a demand for transparency in news reporting. The media has a responsibility to educate the community not only on current events, but on the long-term challenges facing it. Hawaii's physical isolation from the world at large, coupled with its unique local culture, offers an opportunity for community-targeted news content to flourish. ThinkTech is one such platform, encouraging robust civic engagement and education of the general public on the issues important to the state of Hawaii. ThinkTech provides a valuable contribution to the public conversation, as a service to the community.

#### **4. Target population to be served:**

As an organization based primarily on the Internet, ThinkTech's reach goes beyond Hawaii's shores, to a national and international audience. Any person interested in technology, energy, diversification, and globalism, especially as these pertain to Hawaii, is able to peruse ThinkTech's content online.

ThinkTech's target population includes any community member who desires a platform for civic engagement, and those wishing to be educated on local, national, and international issues and developments. These may include students, entrepreneurs, educators, businesspeople, public officials, researchers, politicians, artists, scientists, or activists.

ThinkTech's volunteer hosts are community members and citizen journalists, from various sectors such as business, education, and government, who are curious about and connected to Hawaii's most interesting and most pressing issues. Likewise, guests on ThinkTech's shows are often on the front lines of the episode's topic. Their expertise and insight offer fresh perspectives and guidance for those who wish to know more about their communities and the world they live in.

ThinkTech's supporters, followers, viewers, and listeners are the core of its target population. They seek out accurate information on technology, energy, globalism, and diversification, as well as other events and issues in and affecting Hawaii, to better appreciate the condition of their lives in their communities. ThinkTech provides that, thus increasing its reach into the public.

#### **5. Geographic coverage:**

As a Hawaii-based nonprofit, ThinkTech's primary geographic focus is the Hawaiian Islands. Hawaii viewership accounts for 37% of ThinkTech's YouTube audience, with over 100,000 views in 2017 alone. Because of its continuous Internet presence, ThinkTech has national and international viewership as well. A full 53% of ThinkTech's YouTube views come from the United States, in states such as California, Texas, New York, Florida, Washington, Illinois, Pennsylvania, Virginia, and Georgia, as well as Hawaii. ThinkTech's top ten foreign viewership includes Indonesia, Canada, the United Kingdom, India, Australia, the Philippines, Taiwan, Germany, and Singapore. ThinkTech's reach is truly global.

## **II. Service Summary and Outcomes**

### **1. Scope of work, tasks, and responsibilities:**

ThinkTech Hawaii requests funding in the amount of \$25,000, which shall go towards equipment replacement (\$20,000), training (\$2,500), and software and network integration (\$2,500).

ThinkTech shall utilize the awarded amount in pursuit of the following:

**GOAL:** Upgrade ThinkTech's production equipment and software with the most up-to-date technology.

**OBJECTIVE:** ThinkTech will replace one of its aging NewTek TriCaster models with the NewTek TriCaster TC1, allowing for necessary staff re-training and installation and integration of the equipment.

#### **STRATEGIES:**

- (1) Purchase and install the NewTek TriCaster TC1 model from ComputerWise, a NewTek authorized distributor from whom ThinkTech has previously purchased equipment.
- (2) Complete the computer software and network integration of the TC1 into ThinkTech's current broadcast production systems. This will be completed through MB Technologies, LLC, a local IT and systems integration company, of which ThinkTech is a long-time client.
- (3) Provide training or re-training for the upgraded TriCaster model to staff members as needed. Training will be available through the NewTek authorized distributor, as well as complimentary videos and literature through NewTek.

#### **TARGETS:**

- (1) The TriCaster TC1 model will be purchased and installed within three months of receiving grant funding.
- (2) The computer software and network integration of the TC1 will be completed within five months of receiving grant funding
- (3) All staff members will receive the necessary training on the TriCaster TC1 model within eight months of the release of grant funds.

### **2. Projected annual timeline:**

With the assumption that grant funds will be received in July of the 2018-2019 fiscal year:

July 2018 – October 2018

- The TriCaster TC1 is purchased from a NewTek authorized distributor.

- The TriCaster TC1 is installed in ThinkTech's studio by a NewTek authorized distributor.

October 2018 – December 2018:

- MB Technologies, LLC completes the computer software and network integration of the TC1 with ThinkTech's current systems.

December 2018 – March 2019:

- All studio staff members will receive training on the TriCaster TC1 model. Training will be provided by the NewTek authorized distributor and by NewTek's training materials.

### **3. Quality assurance and evaluation plans:**

ThinkTech has previously purchased NewTek TriCaster equipment from ComputerWise, an elite partner and authorized distributor of NewTek. Therefore, the purchase and installation of the TriCaster TC1 will be completed according to the highest standards of the manufacturer. Official TriCaster training will be provided by the authorized NewTek distributor, ensuring that proper procedures are completed.

ThinkTech will contract MB Technologies, LLC, to complete the software and network integration. ThinkTech has a longstanding professional relationship with MB Technologies, and has complete confidence in its ability to accurately integrate ThinkTech's equipment and systems. ThinkTech regularly performs its own internal assessments of systems and equipment. Studio team members are well-trained and experienced in troubleshooting minor technical issues, while more serious concerns are contracted out to MB Technologies, which has an in-depth understanding of ThinkTech's equipment and systems.

### **4. Measures of effectiveness to be reported:**

The measures of effectiveness are straightforward, as the purchase, installation, and integration of the TriCaster TC1 are one-time events. Likewise, initial successful training of the studio team would be evident by its completion. Staff are encouraged to perform ongoing training through the availability of the manufacturer's complimentary videos and literature.

ThinkTech would provide the appropriate State agencies with reports detailing the completed purchase, installation, and integration of the TC1, as well as all completed staff trainings and their results. Additionally, at the end of fiscal year 2018-2019, ThinkTech would report to the appropriate State agencies the number of production delays it has experienced with the TC1, as compared to previous TriCaster models within the same time frame. ThinkTech would also provide its viewership figures, the number of livestreamed episodes it has produced, a list of its

livestreamed shows, and any other required statistics from both before and after the installation and integration of the TriCaster TC1.

**III. Financial**

**1. Budget documents:**

Budget documents are attached.

**2. Anticipated quarterly funding requests for fiscal year 2018-2019:**

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$20,000	\$2,500	\$2,500	\$0	\$25,000

**3. Other sources of funding for fiscal year 2018-2019:**

ThinkTech Hawaii is funded entirely by underwriters, grantors and supporters. For the 2018-2019 fiscal year, sources of funding to be pursued include:

- Atherton Foundation
- Bernice & Conrad Von Hamm Foundation
- Carol Mon Lee & the Friends of ThinkTech
- Center for Microbial Oceanography: Research & Education – University of Hawaii
- Collateral Analytics
- Cooke Foundation
- Hawaii Community Foundation
- Hawaiian Electric Industries
- Hawaii Energy Policy Forum – University of Hawaii
- Hawaii Institute of Geophysics and Planetology – University of Hawaii
- Hawaii Lodging and Tourism Association
- Hawaii Technology Development Corporation
- Integrated Security Technologies
- MW Group
- Shidler Family Foundation
- Sidney Stern Memorial Trust
- VoLo Foundation
- Individual underwriters and supporters

**4. State and federal tax credits:**

ThinkTech Hawaii has not been granted any state or federal tax credits within the prior three years.

## **5. Federal, state, and county government contracts, grants, and grants-in-aid:**

ThinkTech has previously received financial support from underwriters through the Hawaii Institute of Geophysics & Planetology, the Center for Microbial Oceanography Research & Education, and the Hawaii Energy Policy Forum, all of the University of Hawaii – Manoa. ThinkTech has also received funding from the Hawaii Technology Development Corporation, a State agency. ThinkTech anticipates receiving similar funding in fiscal year 2019. A list of funded amounts is attached.

## **6. Unrestricted current assets:**

As of December 31, 2017, ThinkTech Hawaii's balance of unrestricted current assets is \$43,336.14.

# **IV. Experience and Capability**

## **1. Necessary skills and experience:**

ThinkTech was founded in 2001 as a 501(c)(3) nonprofit corporation. Its seventeen years as a digital media organization have allowed it to build up a significant following based on the experiences and expertise of its staff, volunteers, guests, Board of Directors, and other community partners. ThinkTech is a member of the Society of Professional Journalists, and its annual Community Service Awards are well-known for honoring community organizations and individuals who have demonstrated their dedication and service to the welfare of the general public.

ThinkTech has an operating staff of nine independent contractors, and 35-40 volunteer hosts from within the community. Administrative and studio team members are knowledgeable in their respective fields, and are regularly trained in all necessary studio equipment and systems. Talk show hosts and guests are well-informed about and experienced in their show topics, and many are considered authorities in their fields.

ThinkTech's Board of Directors come from professional backgrounds in law, education, the military, real estate, government, nonprofit leadership, and the visitor industry. In addition to an annual fiscal commitment, each Director provides ThinkTech with experience and counsel in governance, operations, fundraising, and networking opportunities.

Concerning the grant requests for equipment replacement, training, and software and network integration, ThinkTech has verifiable experience. ThinkTech previously purchased NewTek TriCaster equipment, which is still in use by staff members. Staff training for the two previous TriCaster models took approximately thirty days for each model.

## **2. Facilities:**



ThinkTech is headquartered at Pioneer Plaza in downtown Honolulu. The three-room studio houses a studio space with green screen, a broadcasting and production space, and a lobby and meeting area. Studio space equipment includes: four studio cameras, two teleprompters, multiple LED light arrays, and various ancillary devices (cables, converters, etc.). Broadcasting equipment includes: the TriCaster 410 and TriCaster 460, sound mixers, LiveU 500 server, and several computers devoted to various tasks. ThinkTech is also well-equipped for on-location work, including neighbor island coverage, with: video camera and tripod, various types of microphones, wireless transmitters and receivers, and various ancillary devices (adapters, batteries, etc.).

## **V. Personnel: Project Organization and Staffing**

### **1. Proposed staffing, qualifications, supervision, and training:**

ThinkTech Hawaii has a small paid staff of nine independent contractors, comprised of the studio team and the administrative team. Studio team members are trained in the current studio set-up, including the TriCaster systems, sound mixers, LiveU 500 Server, and various computer programs. Team members receive training through on-site distributor training, manufacturer's videos and literature, shadowing other equipment operators, and extensive on-the-job experience.

The proposed upgrade of ThinkTech's studio equipment will necessitate additional staff training and development. NewTek, the TriCaster manufacturer, provides complimentary training videos and literature. As well, training will be provided at a cost by ComputerWise, the authorized NewTek distributor from whom the TriCaster TC1 will be purchased.

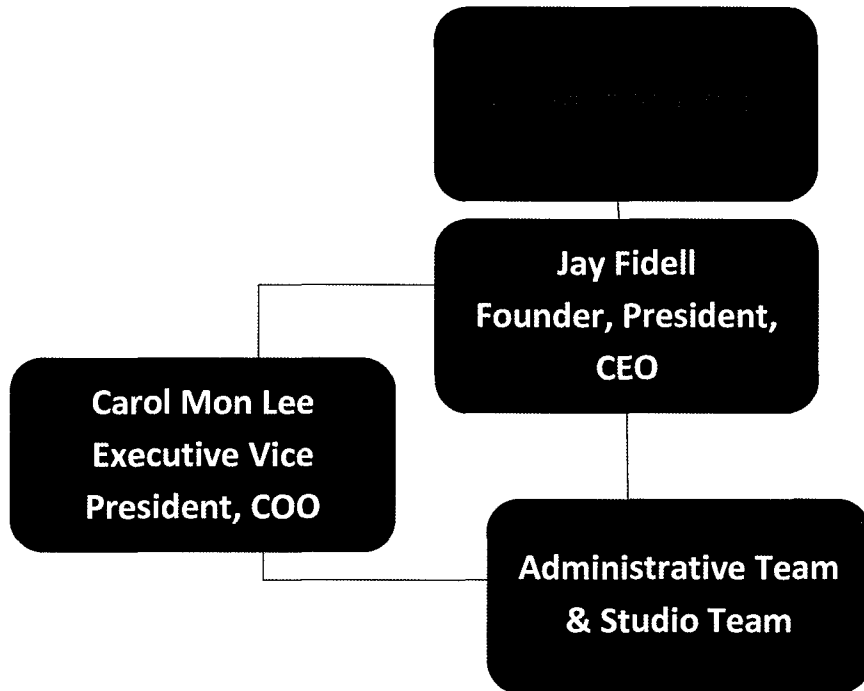
ThinkTech's executive officers, Jay Fidell and Carol Mon Lee, are responsible for the supervision, training, and administrative direction of ThinkTech, its staff, and its volunteers.

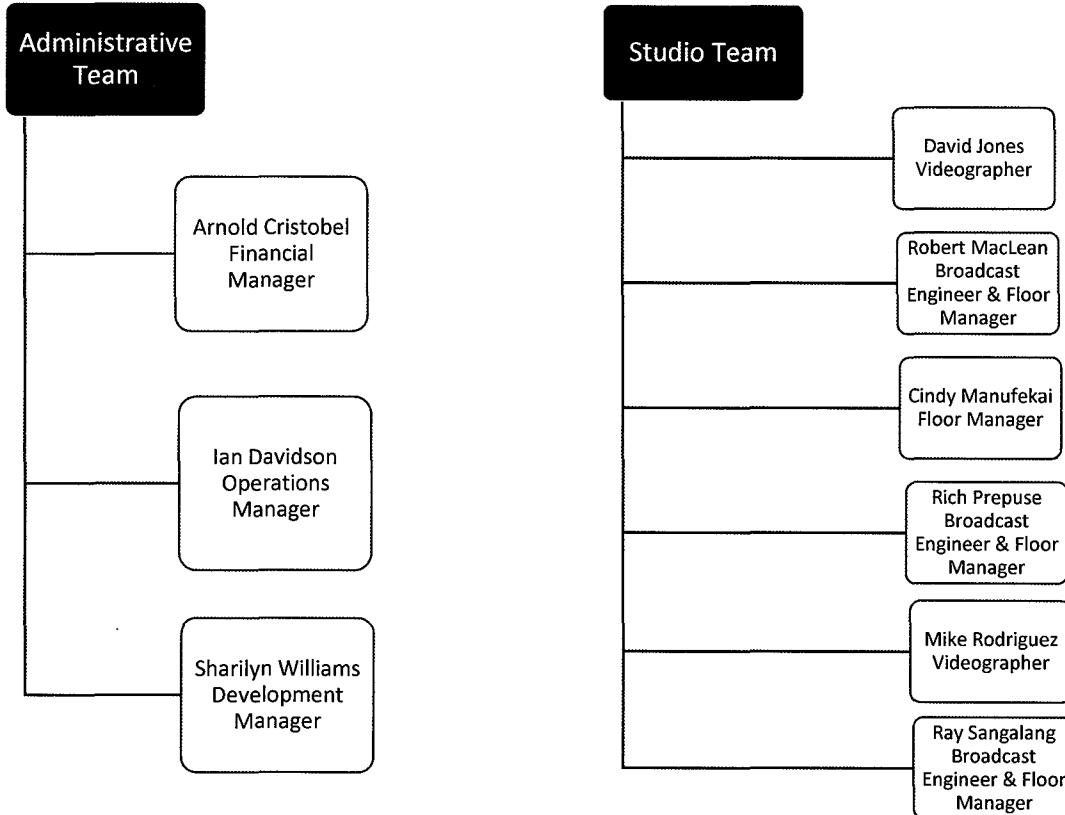
Jay Fidell is the founder, president, and Chief Executive Officer of ThinkTech Hawaii. He is a retired attorney, with forty years of law practice in Hawaii. He previously hosted a program on Hawaii Public Radio about developments in the technology industry. He is a former Board of Directors chair of the Hawaii Technology Development Corporation and the current Communications & Outreach Chair of the Hawaii Energy Policy Forum. He is an experienced programmer who has spearheaded the development of ThinkTech's equipment, software, and data systems.

Carol Mon Lee is ThinkTech's Executive Vice President and Chief Operating Officer. A retired attorney and educator, she served as Associate Dean of the University of Hawaii William S. Richardson School of Law for ten years. She is a former member of the Hawaii Board of Education, and a current Hawaii commissioner for the Western Interstate Commission on Higher Education. Her role at ThinkTech includes corporate governance, human resources, fundraising, and administration.

Both Mr. Fidell and Ms. Lee are volunteer executives, receiving no salary for their work with ThinkTech Hawaii.

**2. Organization chart:**





**3. Compensation:**

ThinkTech’s Board of Directors are unpaid volunteers. The CEO and COO are also unpaid volunteer positions. All ThinkTech staff members are independent contractors. ThinkTech’s highest paid contractor positions are:

- Ian Davidson, Operations Manager: \$36,000
- Ray Sangalang, Broadcast Engineer & Floor Manager: \$19,400
- Robert MacLean, Broadcast Engineer & Floor Manager: \$12,500

**VI. Other**

**1. Litigation:**

ThinkTech is not a party to any pending litigation.

**2. Licensure or Accreditation:**

ThinkTech possesses no special qualifications, licensure, or accreditation that is relevant to this request.

**3. Private Educational Institutions:**

This grant award will not be used to support or benefit a sectarian or non-sectarian private educational institution.

**4. Future Sustainability Plan:**

The purchase, training, and integration of the NewTek TriCaster TC1 would be a one-time event. Thus, ThinkTech anticipates that funding for this specific purpose will not be required after the 2018-2019 fiscal year.

**5. Certificate of Good Standing:**

Certificate of Good Standing is attached.

**6. Declaration Statement:**

Declaration statement is attached.

**7. Public purpose:**

This grant will be used for a public purpose, pursuant to HRS 42F-102.

## BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2018 to June 30, 2019

Applicant: ThinkTech Hawaii, Inc.

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
<b>A. PERSONNEL COST</b>				
1. Salaries				
2. Payroll Taxes & Assessments				
3. Fringe Benefits				
<b>TOTAL PERSONNEL COST</b>				
<b>B. OTHER CURRENT EXPENSES</b>				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Outside Trainers	2,500			
6. Supplies				
7. Telecommunication/Broadcasting				
8. Utilities				
9. Computer Software & Network Integration	2,500			
10 Travel Ground Transportation				
11				
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<b>TOTAL OTHER CURRENT EXPENSES</b>	<b>5,000</b>			
<b>C. EQUIPMENT PURCHASES</b>	<b>20,000</b>			
<b>D. MOTOR VEHICLE PURCHASES</b>	<b>0</b>			
<b>E. CAPITAL</b>	<b>0</b>			
<b>TOTAL (A+B+C+D+E)</b>	<b>25,000</b>			
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	25,000	Name (Please type or print) _____ Phone _____ Signature of Authorized Official _____ Date _____ _____ Name and Title (Please type or print)		
(b) Total Federal Funds Requested	0			
(c) Total County Funds Requested	0			
(d) Total Private/Other Funds Requested	0			
<b>TOTAL BUDGET</b>	<b>25,000</b>			



## BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2018 to June 30, 2019

Applicant: Think Tech Hawaii, Inc.

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
NewTek TriCaster Model TC-1	1.00	\$19,995.00	\$ 19,995.00	20,000
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>TOTAL:</b>	<b>1</b>		<b>\$ 19,995.00</b>	<b>20,000</b>
<b>JUSTIFICATION/COMMENTS:</b>				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>TOTAL:</b>				
<b>JUSTIFICATION/COMMENTS:</b>				

## BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2018 to June 30, 2019

Applicant: ThinkTech Hawaii

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2016-2017	FY: 2017-2018	FY:2018-2019	FY:2018-2019	FY:2019-2020	FY:2020-2021
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
<b>TOTAL:</b>						
<b>JUSTIFICATION/COMMENTS:</b> <div style="text-align: center; padding: 10px;">Not Applicable</div>						



**GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID**

Applicant: ThinkTech Hawaii

Contracts Total: 50,400

	<b>CONTRACT DESCRIPTION</b>	<b>EFFECTIVE DATES</b>	<b>AGENCY</b>	<b>GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)</b>	<b>CONTRACT VALUE</b>
1	Underwriting of talk shows	2015 - present	Hawaii Tech Development Corporation	State	10,000
2	Underwriting of talk shows	2015 - present	Center for Microbial Oceanography Research & Education	State	10,000
3	Underwriting of talk shows	2015 - present	Hawaii Energy Policy Forum	State	20,400
4	Underwriting of talk shows	2015 - present	Hawaii Institute of Geophysics & Planetology	State	10,000
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**DECLARATION STATEMENT OF  
APPLICANTS FOR GRANTS PURSUANT TO  
CHAPTER 42F, HAWAII REVISIED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawai'i Revised Statutes:
  - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
  - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
  - c) Agrees not to use state funds for entertainment or lobbying activities; and
  - d) Allows the state agency to which funds for the grant were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant.
- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
  - a) Is incorporated under the laws of the State; and
  - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
  - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
  - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

Pursuant to Section 42F-103, Hawai'i Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

ThinkTech Hawaii, Inc.

(Typed Name of Individual or Organization)

(Signature)

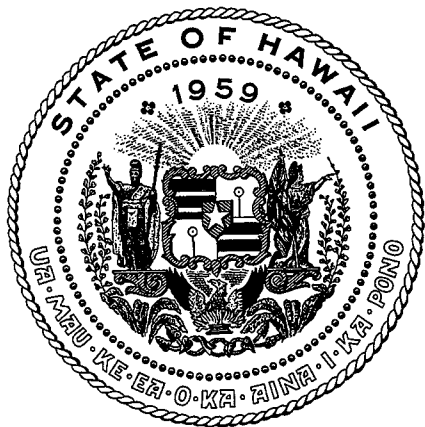
(Date)

Carol Mon Lee

(Typed Name)

*Carol Mon Lee* - Vice President and Chief Operating Officer

(Title)



## Department of Commerce and Consumer Affairs

### CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

THINKTECHHAWAII, INC.

was incorporated under the laws of Hawaii on 04/05/2002 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Department of Commerce and Consumer Affairs, at Honolulu, Hawaii.

Dated: January 12, 2018

Director of Commerce and Consumer Affairs

# Think Tech Hawaii

## 2018 Board of Directors

### OFFICERS

**Jay Fidell** – Founder and CEO, ThinkTech Hawaii. Founder, Bendet Fidell Sugimura, retired after 40 years of business law practice. Former US Coast Guard lawyer and military judge.  
*President*

**Carol Mon Lee** – Chief Operating Officer, ThinkTech Hawaii. Retired UH Richardson School of Law Associate Dean. Former member of Hawaii State Board of Education.  
*Executive Vice President*

**Diane Sherman** – ThinkTech Hawaii original team. Legal administrator and executive director, law firm of Clay Chapman Iwamura Pulice & Nervell.  
*Secretary*

**Shackley Raffetto** – retired Chief Judge, Second Circuit (Maui county). Active in mediation and arbitration and lecturing on US justice around the world.  
*Treasurer*

### DIRECTORS

**Peter Adler** – Ph.D. and author. Principal in Accord 3.0, a professional network of consultants specializing in foresight, strategy, and cooperative trouble-shooting.

**Reg Baker** – CPA PFS. Nationally recognized small- and mid-sized business specialist and owner of a locally based CPA firm.

**Nicole Hori** – biomedical and nuclear engineer, U.S. Navy. Long-term volunteer and regular OC 16 host.

**David Karl** – Professor of Oceanography and Director, UH Center for Microbial Oceanography: Research and Education. Internationally recognized scientist.

**David Louie** – Former State of Hawaii Attorney General and past president of the Hawaii State Bar Association. Private law practice in complex litigation.

**Kem Lowry** – UH Emeritus Professor and former chair, Dept. of Urban and Regional Planning. Adjunct senior fellow at East-West Center working on climate change projects.

**Sanford Murata** – real estate developer/investor and advisor/consultant. Former director, Kamehameha Schools' Commercial Assets Division

**Deborah Zimmerman** – visitor industry professional. President of New Millennium Meetings and manages HTA's 'Elele (Ambassador) program.

# Think Tech Hawaii

ThinkTech Hawaii's Annual Awards Ceremony is held every December and honors those organizations and individuals who have demonstrated their dedication and service to the community.

## 2014 ThinkTech Hawaii Top Show Awards

Show: Global Connections  
Episode: **National Elections in India**  
Host: Carlos Juarez

Show: ThinkTech Global  
Episode: **Israel: The Next Energy Superpower?**  
Host: David Day

## 2015 ThinkTech Hawaii Top Show Awards

**Aloha United We Stand** - Aloha United Way and Cindy Adams  
**Research in Manoa** – UH Hawaii Institute for Geophysics & Planetology and Rhett Butler

**Hawaii, State of Clean Energy** – Hawaii Energy Policy Forum & Dr. Sharon Moriwaki

**Asia in Review** – Bill Sharp

**Hawaii Farmers** – Justine Espiritu

## 2016 Community Contribution Awards

**Hawaii Opera Theatre**, for bringing the art of world-class opera to our audiences and schools, raising Hawaii's quality of performing arts, life, and public engagement

**nstitute for Human Services**, for its service to developing innovative solutions and programs aimed to end and prevent homelessness in Hawaii

**Make 'Em Smile**, for integrating the joy of music into the healing process of patients in local hospitals

A Hawaii 501(c)(3) non-profit corporation, organized in 2000, dedicated to raising public awareness

900 Fort Street Mall, Suite 888, Honolulu, Hawaii 96813 Phone: 808-780-9254

[www.thinktechhawaii.com](http://www.thinktechhawaii.com)

# Think Tech Hawaii

**OC 16**, for broadcasting quality cable TV programming of community interest to more than 300,000 households in Hawaii and stimulating critical thinking about how to uplift and engage our community

**Pacific Forum CSIS**, for educating the public on foreign policy issues and events in the Asia Pacific Region and raising Hawaii's level of global awareness

## 2017 Community Service Awards

**American Red Cross – Pacific Island Region**, for outstanding service to the community in response to the disasters that threaten us, and in providing critical services to the victims of those disasters

**Clare Hanusz immigration lawyer**, for outstanding service to the community for her courage and determination in assisting disadvantaged refugees, detainees, and other immigrants in Hawaii

**Hawaii Death with Dignity Society**, for outstanding service to the community in its efforts to educate the community on Medical Aid in Dying legislation, and in offering advice to those who are confronted with the pain and turmoil of terminal illness

**National Energy Laboratories of Hawaii Authority**, for outstanding service to the community in its efforts to support the development of our state's economy, and in providing facilities for energy and ocean-related research and entrepreneurship in an environmentally sound and culturally sensitive way

**Brett Oppegaard, journalist**, for outstanding service to the community in practicing the art and skill of journalism, and in expressing and protecting the democracy in a time when our president is at "war" with the press and treats it as the "enemy of the people."

A Hawaii 501(c)(3) non-profit corporation, organized in 2000, dedicated to raising public awareness

900 Fort Street Mall, Suite 888, Honolulu, Hawaii 96813 Phone: 808-780-9254

[www.thinktechhawaii.com](http://www.thinktechhawaii.com)

# Think Tech Hawaii

## January 2018 Hosts List

1. Andrea Gabrieli
2. Andrew Lanning
3. Beatriz Cantelmo
4. Bill Sharp
5. Calvin Griffin
6. Carol Mon Lee
7. Cheryl Crozier Garcia
8. Craig Thpmas
9. Cynthia Lee Sinclair
10. Dave Stevens
11. Ethan Allen
12. Glenn Martinez
13. Gordon Bruce
14. Howard Wiig
15. Yuriko Sugimura
16. Jay Fidell
17. John Waihee
18. Keli'i Akina
19. William Keli'i Akina
20. Lily Ong
21. Mark Shklov
22. Marsha Joyner
23. Martin Despang
24. Matt Johnson
25. Michael North
26. Pauline Chakmakjian
27. Pete Mouginis-Mark
28. Pomai Weigert
29. Prince Dykes
30. RB Kelly
31. Reg Baker
32. Richard Concepcion
33. Richard Emery
34. Roger Jellinek
35. Russell Leu
36. Seymour Kazimirski
37. Sharon Yarbrough
38. Sherry Broder
39. Stan Osserman
40. Stephanie Mock
41. Steve Katz
42. Ted Ralston
43. Tim Apicella
44. Winston Welch

A Hawaii 501(c)(3) non-profit corporation, organized in 2000, dedicated to raising public awareness

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[www.thinktechhawaii.com](http://www.thinktechhawaii.com)

# Think Tech Hawaii

## List of Recent Episodes (12/17/2017 - 01/16/2018)

1. **Law Across the Sea: Big Data Has Arrived.** Host Mark Shklov & guest Glenn Melchinger.
2. **Mina Marco & Me on Energy: Battery Storage in the 808.** Host Jay Fidell, guests Marco Mangelsdorf & Mina Morita.
3. **Research in Manoa: Research at the Hawaii Institute of Geophysics & Planetology.** Host Pete Mouginis-Mark & guest Robert Wright.
4. **ThinkTech Asia: Strengthening Constitutionalism & Human Rights in Asia.** Host Jay Fidell & guest Michael Davis.
5. **Out & About: Life Enhancement in Health, Wealth & Happiness.** Host Winston Welch & guest David Tasaka.
6. **The Prince of Investment: How to Prepare for a Bear Market.** Host Prince Dykes.
7. **What's on Your Mind Hawaii: Street Interviews.** Host Tim Apicella & guest Mateo Caballero.
8. **Aging with Grace: My Heart is in Jerusalem.** Host Jay Fidell & guest Itchel Kasnjanski.
9. **Working Together: The "Aloha Spirit" Law.** Host Cheryl Crozier Garcia & guest Shana Logan.
10. **Humane Architecture: The Transformation of Hawaii's Skyline.** Host Jay Fidell & guest Tim Apicella.
11. **Navigating the Journey: Medical Aid in Dying & the Legislature.** Host Marsha Joyner & guest Jarrett Keohokalole.
12. **Cannabis Chronicles: Out of the Shadows.** Host Marsha Joyner & guest Paul Klink.
13. **Hibachi Talk: How Tech Has Changed Christmas.** Host Gordon Bruce.
14. **Discovering Aquaponics in The Garden: Aquaculture/Aquaponics Training Online Learning Lab.** Host Glenn Martinez & guest Natalie Cash.
15. **Book Worlds: Hawaiian Mana.** Host Roger Jellinek & guest Kealoha Fox.
16. **Hawaii, State of Clean Energy: What's on the Horizon for Hawaii County in 2018?** Host Jay Fidell & guest Will Rolston.
17. **Out of The Comfort Zone: Public Speaking with Pam Chambers.** Host RB Kelly & guest Pam Chambers.
18. **Think Tech Asia: The Life of an Entrepreneur.** Host Jay Fidell & guest Andrew Anderson.
19. **Aging with Grace: Democracy in Color.** Host Sherry Broder & guest Steve Phillips.
20. **Business in Hawaii: Staffing & Employment Environment in Hawaii.** Host Dailyn Yanagida & guest Chad Higa.
21. **Condo Insider: How to Assist Seniors Living in Condos.** Host Yuriko Sugimura & guest Michael Dowell.
22. **Hawaii Food & Farmer Series: Eating Local Meats.** Host Matt Johnson, guests Jessica Rohr & Pomai Weigert.
23. **Hawaii In Uniform: New Legislation Concerning Veterans & Families.** Host Calvin Griffin & guest Dennis Egge.



# Think Tech Hawaii

24. **Stan The Energy Man: "The Answer is Hydrogen, Now What Was Your Question?"** Host Stan Osserman.
25. **The Cyber Underground: North Korea, Again?!** Host Dave Stevens.
26. **Likable Science: Controversy in the ER.** Host Ethan Allen & guest Darragh O'Carroll.
27. **ThinkTech Tech Talks: Studying Hawaii From Afar.** Host Ray Tsuchiyama, guests Kexin Zeng, Aden Nevler & Alifare Noreen.
28. **The Prince of Investment: Should I Invest in Bitcoin.** Host Prince Dykes.
29. **Aging with Grace: The Status & the Effects of the Tax "Reform" Bill.** Host Jay Fidell & guest Roger Epstein.
30. **ThinkTech Asia: Environmental Consciousness in China.** Host Jay Fidell & guest Russell Leu.
31. **Shrink Rap: The Healing Power of Sand play.** Host Steve Katz & guest Lorraine R. Freedle.
32. **Humane Architecture: Where in the World are You Guys Driving on a Small Island?** Host Martin Despang & guest Desoto Brown.
33. **Navigating the Journey: Pono Hawai'i Initiative.** Host Marsha Joyner & guest Josh Frost.
34. **Cannabis Chronicles: Medical Marijuana Legislative Oversight Working Group.** Host Marsha Joyner & guest Will Espero.
35. **Hibachi Talk: Bitcoin Mining.** Host Gordon Bruce.
36. **Discovering Aquaponics in The Garden: Reasons to Use an Air Pump vs a Submergible Water Pump.** Host Glenn Martinez & guest Natalie Cash.
37. **Energy in America: Energy Trends Across America.** Host Lucian Pugliaresi & guest Jay Fidell.
38. **Hawaii, State of Clean Energy: What's on the Horizon for the City & County of Honolulu in 2018?** Host Jay Fidell & guest Rocky Mould.
39. **Out of the Comfort Zone: The Courage to Get Involved.** Host RB Kelly & guest Warren Gubler.
40. **Where the Drone Leads: To the Western Pacific Islands.** Host Ted Ralston, guests Gregg Nakano & Paul Hadik.
41. **Understanding China: The New Landscape of Finance in China.** Host Michael North, guests Liu Kunfang, Liu Meiyang & Liu Ranran.
42. **Business in Hawaii: Quarterly Commentary – Year End Focus.** Host Reg Baker & guest Ray Tsuchiyama.
43. **Condo Insider: A Year in Review.** Host Richard Emery & guest Yuriko Sugimura.
44. **Sister Power: Kwanzaa.** Host Sharon Yarbrough & guests Daphne Barbee & Marcia Howard.
45. **Stan the Energy Man: Plugging Hydrogen with Real Passion!** Host Stan Osserman & guest Andy Marsh.
46. **The Cyber Undergound: Android vs. IOS Security.** Host Dave Stevens.
47. **ThinkTech Asia: Remarkable Changes in China's Immigration Policy.** Host Jay Fidell & guest Michael North.

# Think Tech Hawaii

48. **Finding Respect in The Chaos: Collateral Damage.** Host Cynthia Lee Sinclair & guest Katherine Aikau.
49. **Perspectives on Global Justice: A Call for Unity, Civic Engagement, Democracy & Peacemaking.** Host Beatriz Cantelmo & guest Marsha Joyner.
50. **What's on Your Mind Hawaii: Honolulu's WWI Memorial Natatorium 40 Year Plan & Adios 2017.** Host Tim Apicella.
51. **The Prince of Investment: NFL Veteran Jarret Johnson Interview.** Host Prince Dykes & guest Jarret Johnson.
52. **Out of the Comfort Zone: How to Resolve Conflict.** Host RB Kelly & guest Lynne Hurdle-Price.
53. **Mina, Marco & Me on Energy: State Energy Tax Credits.** Host Jay Fidell & guest Marco Mangelsdorf.
54. **Ageing with Grace: The War on Journalism.** Host Jay Fidell & guest Brett Oppegaard.
55. **Working Together: Ask Doctor C.** Host Cheryl Crozier Garcia.
56. **Humane Architecture: The Remembering the Miracle Mile.** Host Jay Fidell & guest Tonia Moy.
57. **Navigating the Journey: Honolulu's Sister City San Juan, Puerto Rico.** Host Marsha Joyner & guest Nancy Wysard.
58. **Cannabis Chronicles: 329 Veteran Stand Down.** Host Marsha Joyner & guests Theo Alexander, Helen Cho & James T. Trice.
59. **Hibachi Talk: A Year of Hibachi Talk in Review.** Host Gordon Bruce.
60. **Ageing with Grace: Making Good Plans for a Sustainable Resilient Hawaii.** Host Jay Fidell, guests Michelle Daigle & Erin Braich.
61. **Outside In: Ayn Rand & Rational Self-Interest.** Host Pauline Chakmakjian & guest Dr. Yaron Brook.
62. **Book Worlds: Patricia G. Steinhoff.** Host Roger Jellinek & guest Patricia G. Steinhoff.
63. **Hawaii, State of Clean Energy: Climate Change Impacts on Hawaii.** Host Jay Fidell & guests Chip Fletcher & Sharon Moriwaki.
64. **Discovering Aquaponics in The Garden: Supporting & Building Aquaponics in Bacolod, Philippines at Welcome Home Foundation.** Host Glenn Martinez & guest Natalie Cash.
65. **Hawaii, State of Clean Energy: Clean Energy in 2018.** Host Jay Fidell & guest George Benda.
66. **We Like The 1%: Equal is Unfair - Reverse Snowflake.** Host Pauline Chakmakjian & guest Dr. Yaron Brook.
67. **Where the Drone Leads: A Year in Review.** Host Ted Ralston & guest James Williams.
68. **Voice of The Veteran: Heroes from the Korean War Veterans Association.** Host Helen Dora Hyden & guest Herb Schreiner.
69. **Business in Hawaii With Reg Baker: Hawaii's Workforce Transformation.** Host Dailyn Yanagida & guest Carleen Mackay.
70. **Condo Insider: Annual Meeting Do's & Don'ts.** Host Richard Emery & guest Steve Glanstein.

# Think Tech Hawaii

71. **Hawaii Food & Farmer Series: Pono Pork.** Host Pomai Weigert & guest Bob McGee.
72. **Hawaii In Uniform: Medically Retired & Early Discharged Veterans.** Host Calvin Griffin, guests Dennis Egge & Randolph Alexander.
73. **Stan The Energy Man: Hydrogen & the Hawaii State Motto.** Host Stan Osserman.
74. **The Cyber Underground: Meltdown & Spectre Flaws.** Host Geoff Milford & guest Mike Taratko.
75. **Likable Science: Leadership as the Psychology of Presentation.** Host Ethan Allen & guest Pam Chambers.
76. **Hawaii Is My Main Land: The Sweet Side of Hawaii's Sugar Plantation Mentality.** Host Kauai Lucas & guest Reginald Perry.
77. **ThinkTech Tech Talks: All About Leadership.** Host Ray Tsuchiyama & guest Alvin Miyasato.
78. **Aging with Grace: An All-Start Graduate Returns to Maryknoll.** Host Jay Fidell & guests Perry K. Martin, Jialin Sun & MJ Mao.
79. **Law Across the Sea: Law & Politics.** Host Mark Shklov & guest Peter Carlisle.
80. **Life in The Law: The Role of the U.S. Attorney.** Host Jay Fidell & guest Florence Nakakuni.
81. **ThinkTech Tech Talks: A New Age of Awareness.** Host Jay Fidell & guests Gordon Fuller & Dillion Lanius.
82. **Hawaii Together: Why Health Care Costs Too Much!** Host Keli'i Akina & guest Charles Silver.
83. **Code Green: Huff & Puff, & Blow a Tight Home.** Host Howard Wiig & guest Peter Stone.
84. **Think Tech Asia: What is China's Next Chapter?** Host Jay Fidell & guest Russell Leu.
85. **The Prince of Investment: Interview W/Athlete Ronald Davis.** Host Prince Dykes & guest Ronald Davis Sr.
86. **Asia In Review: American Healthcare & Other Systems Compared.** Host Lily Ong & guest Dr. Christopher D. Flanders.
87. **Life in The Law: Civil Legislation to Stop Federal Prosecutions.** Host Jay Fidell & guest John Edmunds.
88. **Hispanic Hawaii: Social Media the Good, the Bad & How to Protect Our Children.** Host Richard Concepcion & guest Carmen Bell.
89. **Shrink Rap: Aliens in Our Midst?** Host Steve Katz & guest Allana Coffee.
90. **Humane Architecture: Killingsworth's Kahala.** Host Martin Despang & guest Desoto Brown.
91. **Navigating the Journey: The Journey of the Big Island's Newest Legislator.** Host Marsha Joyner & guest Chris Toshiro Todd.
92. **Cannabis Chronicles: Hemps grows in Naalehu.** Host Marsha Joyner & guest Greg Smith.
93. **Hibachi Talk: LAVAONE 2018.** Host Gordon Bruce & guest Chris Thalinger.

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94. **Outside In: The Future of Farming in Hawaii with Senator Gabbard.** Host Pauline Chakmakjian & guest Mike Gabbard.
95. **Energy in America: Energy Trends Across America.** Host Jay Fidell & guest Lucian Pugliaresi.
96. **Discovering Aquaponics in The Garden: Preparing to Design, Draw & Test for a Commercial Aquaponics System in Jamaica.** Host Glenn Martinez & guest Natalie Cash.
97. **Sister Power: I Have a Dream.** Host Sharon Yarbrough & guest Kimberly Keys.
98. **We Like The 1%: An Artist - The Ultimate Individual.** Host Pauline Chakmakjian & guest Marques Hanalei Marzan.
99. **Where the Drone Leads: A Very Active Year for the Drone Business.** Host Ted Ralston & guest Kat Swain.
100. **Asia Pacific Business Strategies: The Business Being of a Creative Artist in Hawaii.** Host Michael North, guests Victor Artis & Spirit Artis.
101. **Business in Hawaii With Reg Baker: State of Hawaii Technology Update.** Host Reg Baker & guests Todd Nacapuy & Caroline Julian -Freitas.
102. **Condo Insider: More About Comfort Animals.** Host Richard Emery & guest Na Lan.
103. **Think Tech Asia: Strengthening Constitutionalism & Human Rights in Asia.** Host Jay Fidell & guest Michael Davis.
104. **Stan The Energy Man: Hawaii's Electric Vehicle Charge.** Host Stan Osserman & guest Dave Rolf.
105. **The Cyber Underground: Fixes for Spectre & Meltdown.** Host Dave Stevens & guest Hal Corcoran.
106. **Likable Science: Drone Weaponry - Tiny & Very Advanced.** Host Ethan Allen & guest Jay Fidell.
107. **Finding Respect in The Chaos: Overcoming Adversity.** Host Cynthia Lee Sinclair & guest Caroline E. Sakai.
108. **Think Tech Global: Turning Point for North Korea.** Host Jay Fidell & guest Patrick Border.
109. **Mina Marco & Me on Energy: Current Developments in Energy.** Host Jay Fidell & guest Marco Mangelsdorf.
110. **Community Matters: Martin Luther King Day Comes at a Perfect Time.** Host Jay Fidell & guest Marsha Joyner.
111. **Aging with Grace: Age without Borders Global Summit.** Host Jay Fidell & guest Cullen Hayashida.
112. **Out & About: Looking for Love in All the Right Places.** Host Winston Welch & guest David Tasaka.
113. **Talk Story with John Waihee: Politics in Hawaii – Abercrombie's Take on Local & National Politics.** Host John Waihee & guest Neil Abercrombie.