

**DAVID Y. IGE**  
Governor

**JOSH GREEN**  
Lt. Governor



**PHYLLIS SHIMABUKURO-GEISER**  
Chairperson, Board of Agriculture  
**MORRIS ATTA**  
Deputy to the Chairperson

State of Hawaii  
**DEPARTMENT OF AGRICULTURE**  
1428 South King Street  
Honolulu, Hawaii 96814-2512  
Phone: (808) 973-9600 FAX: (808) 973-9613

**TESTIMONY OF PHYLLIS SHIMABUKURO- GEISER**  
**CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION,**  
**AND HEALTH, AND THE SENATE COMMITTEE ON AGRICULTURE**

February 11, 2020  
8:30 AM.  
CONFERENCE ROOM 229

**SENATE BILL NO. 2274**  
**RELATING TO HEALTH**

Chairperson Baker, Chairperson Gabbard, and Members of the Committee:

Thank you for the opportunity to testify on Senate Bill 2274 which mandates regulation of cannabidiol under the Department of Health, and allows licensees in the Hawaii Industrial Hemp Pilot Program to transport harvested hemp to licensed medical cannabis dispensary production centers for processing. The Department of Agriculture recognizes that allowing transportation of harvested hemp for processing is beneficial to its licensees, but respectfully defers to the Department of Health pertaining to the substance and merits of the measure.

Thank you for the opportunity to testify on this measure.



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BEFORE THE SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION,  
AND HEALTH, AND THE SENATE COMMITTEE ON AGRICULTURE

February 11, 2020  
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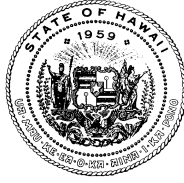
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Thank you for the opportunity to testify on this measure.





**STATE OF HAWAII**  
**DEPARTMENT OF HEALTH**  
P. O. Box 3378  
Honolulu, HI 96801-3378  
doh.testimony@doh.hawaii.gov

**Testimony COMMENTING on SB 2274**  
**RELATING TO HEALTH**

SENATOR ROSALYN H. BAKER, CHAIR  
SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION, AND HEALTH

SENATOR MIKE GABBARD, CHAIR  
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT  
Hearing Date: 2/11/2020 Room Number: 229

1 **Fiscal Implications:** This measure may impact the priorities identified in the Governor's  
2 Executive Budget Request for the Department of Health's (Department) appropriations and  
3 personnel priorities.

4 **Department Testimony:** The Department has major concerns with this measure especially with  
5 the implication that cannabidiol (CBD) would be considered a medication and how the measure  
6 will affect the Department's medical cannabis dispensaries (page 3, line 1 of this testimony). We  
7 offer the following comments and suggestions.

8 The Department has concerns over the proposed labeling language that would require all CBD  
9 products be labeled as medications. Labeling a product as a medication, in HRS 328, could  
10 create confusion and possible conflict with other parts of HRS 328 that regulate drugs that have  
11 been approved by U.S. Food and Drug Administration (FDA) as **safe and effective** to treat a  
12 medical condition. Except for FDA-approved, prescription only drug Epidiolex™, all other  
13 hemp-derived products containing CBD are not approved drugs. The Department is concerned  
14 labeling CBD products as a medication will mislead the public into falsely believing data from  
15 human clinical trials has been evaluated by FDA or the Department, and these products have  
16 been determined safe and effective to treat any number of medical conditions.

1 Department would also like to note that the bill, as written, would appear to only regulate hemp  
2 products containing CBD. The market is currently evolving and shifting focus to products that  
3 do not include CBD, but rather other cannabinoids, like CBG and CBN. It has been reported that  
4 over one hundred cannabinoids can be present in the hemp plant. Industry is moving quickly to  
5 identify the unique qualities these cannabinoids might have and how to bring them to market.  
6 The Department recommends any language seeking to better regulate hemp derived products,  
7 and how they may be made accessible to the consumer, not be restricted to products that only  
8 contain the cannabinoid CBD.

9 Department agrees with much of the intent of this measure and is looking forward to working  
10 with all stakeholders on developing an efficient regulatory framework that addresses processing  
11 of hemp plants into hemp products for sale in Hawaii. To that end, we respectfully recommend  
12 the committee consider the rule making authorities given to DOH over hemp processing via bill  
13 SB2834. The intent of the measure is to require hemp processors in the State to register with the  
14 Department before they can extract or otherwise process legally grown hemp plant into a hemp  
15 product.

16 We believe the language offered in SB2834 regarding DOH oversight of hemp processing will  
17 allow for local growers to have their hemp processed into many products that are widely  
18 available on the market today as either a hemp supplement for oral consumption or as a hemp-  
19 based cosmetic, but expressly prohibits hemp derivatives from being allowed in food as well as  
20 excluding living hemp plants, viable seeds, leaf materials, or floral materials from being defined  
21 as a hemp product in the State. SB2834 would also allow for the sale of out of state hemp  
22 supplements or hemp-based cosmetics provided they demonstrate compliance with lab testing  
23 requirements for contaminants and content. Interim rulemaking authority would include, but not  
24 be limited to, establishing current good manufacturing practice (cGMP) standards, laboratory  
25 testing requirements conducted by labs certified by the State, and proper labeling of hemp  
26 derived products manufactured and/or sold in Hawaii.

1 This measure also proposes to amend chapter 329 to allow medical cannabis dispensaries  
2 licensed to "use cannabidiol and cannabidiol products derived from a licensed industrial hemp  
3 producer ". The Department has concerns that this amendment will increase risks to public,  
4 product, and patient safety and increase the regulatory burden of the dispensary licensing system.

5 (1) **Inability to track hemp flower within the dispensary system poses a public safety**  
6 **risk.** This amendment would allow hemp flower to enter the licensed dispensary system  
7 with no tracking requirement. By contrast, to prevent diversion, cannabis flower is  
8 subject to strict inventory tracking requirements under chapter 329D, HRS. Because  
9 hemp flower is visually indistinguishable from cannabis flower, allowing hemp flower  
10 into the dispensary system with no tracking requirement would significantly complicate  
11 efforts to maintain strict monitoring of cannabis flower inventory risking diversion and  
12 endangering public safety.

13 (2) **Lack of control over manufactured product ingredients poses a patient safety risk.**  
14 This amendment would allow an unlimited array of hemp-derived cannabinoids, extracts,  
15 or derivatives to be used in the manufacturing of medical cannabis products or be  
16 distributed or sold by licensed dispensaries. These items could contain excipients such as  
17 coloring agents, flavorings, preservatives, and fillers which may not be appropriate for  
18 incorporation into manufactured medical cannabis products, thereby jeopardizing product  
19 and patient safety. As evidenced by the recent national outbreak of vaping-related  
20 illnesses and deaths, a single ingredient can result in substantial morbidity and mortality.

21 (3) **Increased regulatory burden will require additional personnel resources.** This  
22 amendment will add to the already extensive regulatory burden of the dispensary  
23 licensing section which has only two inspectors monitoring every aspect of operations in  
24 the growing number of production and retail facilities. Additional personnel will be  
25 needed to maintain oversight to ensure patient, product, and public safety.

26 Thank you for the opportunity to testify on this measure.



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#### **Executive Officers**

**Joe Carter**, Coca-Cola Bottling of Hawaii, *Chair*  
**Charlie Gustafson**, Tamura Super Market, *Vice Chair*  
**Eddie Asato**, The Pint Size Corp., *Secretary/Treas.*  
**Lauren Zirbel**, HFIA, *Executive Director*  
**John Schlif**, Rainbow Sales and Marketing, *Advisor*  
**Stan Brown**, Acosta Sales & Marketing, *Advisor*  
**Paul Kosasa**, ABC Stores, *Advisor*  
**Derek Kurisu**, KTA Superstores, *Advisor*  
**Beau Oshiro**, C&S Wholesale Grocers, *Advisor*  
**Toby Taniguchi**, KTA Superstores, *Advisor*

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TO:

Committee on Commerce, Consumer Protection, and Health and Committee on Agriculture and Environment

Senator Rosalyn H. Baker and Senator Mike Gabbard, Chairs

Senator Stanley Chang and Senator Russell E. Ruderman, Vice Chairs

FROM: HAWAII FOOD INDUSTRY ASSOCIATION

Lauren Zirbel, Executive Director

DATE: February 11, 2020

TIME: 8:30am

PLACE: Conference Room 229

RE: SB2274 Relating to Health

Position: Support

The Hawaii Food Industry Association is comprised of two hundred member companies representing retailers, suppliers, producers, and distributors of food and beverage related products in the State of Hawaii.

HFIA is in support of creating clear and consistent regulation of cannabidiol products. As noted in the measure there is a lot of misinformation about these products, which is causing confusion among consumers about the legal status and health and wellness value of cannabidiol products. Currently businesses that adhere to the FDA's guidelines are at a commercial disadvantage compared to the many businesses that continue to sell these unregulated products. We support a framework that will create a level playing field and allow consumers to make informed decisions about these products. We thank you for the opportunity to testify.



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Vincent Mina  
State President

Anabella Bruch  
Vice-President  
Kauai

Annie M. Alvarado  
Treasurer  
Maui

David Case  
Secretary  
Kona, Hawai'i

Eric (Drake)  
Weinert, Jr.  
East Hawai'i

John Dobovan  
Haleakala, Maui

Matthew  
VanPaepgehen  
Hana, Maui

Matthew Drayber  
K'au, Hawaii

Anabella Bruch  
Kauai

Dash Kuhr  
Kohola, Hawai'i

Maureen Datta  
Kona, Hawai'i

Kaipo Kekona  
Lahaina, Maui

Robert (Bobby)  
Pahia Mauna  
Kahalawai, Maui

Brynn Foster  
North Shore, Oahu

Steve Lund  
Puna, Hawai'i

Christian  
Zuckerman  
Wai'anae, Oahu

Vincent Kimura  
Waimanalo, Oahu

February 7, 2020

RE: Strongly OPPOSE SB 2274 relating to hemp

Dear Honorable Senators,

The Hawaii Farmers Union United (HFUU) has 2,600+ members and subscribers across the state.

HFUU is strongly opposed to SB 2274 because it creates excessive regulation for Hawaii's hemp farmers while essentially eliminating their ability to participate in the lucrative cannabinoid market.

HFUU farmers were instrumental in organizing support to ensure the passage of Hawaii's legislation establishing the pilot hemp program. Our farmers have invested millions of dollars in the last two years to establish a Hawaii hemp market.

**According to our member hemp farmers, this bill will put them out of business.**

There are other bills introduced this session that incorporate the rational aspects of SB 2274. Hawaii can wait to see what the FDA legislation is regarding cannabinoids, which is what most other states are doing.

We urge you to **oppose** this bill and let it die in committee.

Thank you for your work and time to ensure a viable hemp industry for Hawaii's hemp farmers.

Sincerely,

Vincent Mina, President

HAWAII FARMERS UNION UNITED

**Vincent Mina**  
President HFUU-HFUF

**Anny Bruch**  
Vice President &  
Kaua'i Chapter Pres.

**David Case**  
Secretary

**Annie Alvarado**  
Treasurer

~~~~~<>~~~~~



February 5, 2020  
Strongly OPPOSED to SB 2274 - relating to hemp

Dear Honorable Senators,

**Christian Zuckerman**  
Wai'anae, O'ahu

The Hawaii Farmers Union United (HFUU) averages 1300 members and 2600 subscribers across the state.

**Vincent Kimura**  
Waimanalo, O'ahu

HFUU is strongly opposed to SB 2274 because it creates excessive regulation for Hawaii's hemp farmers while virtually ensuring they will not be able to participate in the lucrative cannabinoid market.

**Brynn Foster**  
North Shore, O'ahu

**Kaipo Kekona**  
Lahaina, Maui

HFUU farmers were instrumental in organizing support to ensure the passage of Hawaii's legislation establishing the pilot hemp program. Our farmers have invested millions of dollars in the last two years to establish a Hawaii hemp market.

**Bobby Pahia**  
Kahalawai, Maui

According to our member hemp farmers, this bill will put them out of business. There are other bills introduced in this session that incorporate the rational aspects of SB 2274.

**John Dobovan**  
Haleakala, Maui

**Matthew Van Paepghem**  
Hana, Maui

Hawaii can wait to see what the FDA legislation is regarding cannabinoids, which is what most other states are doing. We urge you to oppose this bill and let it die in committee.

**Dash Kuhr**  
Kohala, Hawai'i

Thank you for your work and time to ensure a viable hemp industry for Hawaii's hemp farmers.

**Maureen Datta**  
Kona, Hawai'i

Sincerely,

**Steve Lund**  
Puna, Hawai'i

**Drake Weinert**  
East Hawai'i

HAWAII FARMERS UNION UNITED

**Matt Drayer**  
Ka'u, Hawai'i

Vincent Mina, President



**SB-2274**

Submitted on: 2/7/2020 12:02:34 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                            | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------------------|---------------------------|---------------------------|
| Harriet Witt        | Testifying for Hawaii Farmers Union United - Haleakala Chapter | Oppose                    | No                        |

Comments:

Our dangerous dependence on the mainland for food means that we need to grow food locally. The many uses of hemp make this necessary to local food production. The proposed restrictions on hemp will undermine our efforts to be food-sovereign. Please do not pass this bill.



www.hawaiihempfarmersassociation.org  
info@hawaiihempfarmersassociation.org

February 8, 2020

RE: SB 2274 Strongly OPPOSE

Dear Honorable Committee Members,

The Hawaii Hemp Farmers Association (HHFA) strongly ***OPPOSES*** SB2274.

Every hemp farmer we have polled stated emphatically that the mechanisms set up by SB2274 would destroy their businesses. Our farmers have invested millions of dollars in the last three years to establish a Hawaii hemp industry. This bill pulls the rug out from under our farmers.

There are other bills introduced this session that incorporate the rational aspects of SB 2274 that are needed for Hawaii's hemp and canninbinoid (CBD) industry.

Farmers protect public health every day. We support labeling and testing requirements but this bill and the regulatory framework it proposes exceed what any other state has done or is proposing. SB2274 is an anti-farmer bill.

Counter to the spirit and letter of the law of the 2018 USDA Farm Bill, SB 2274 equates hemp to medical marijuana (MMJ). With SB 2274, the only sales portal for the delivery of compliant hemp products to the Hawaii customer would be through the MMJ dispensary system. To access this legal herbal extract, you will need a MMJ license. The potential pool of customers across the state is therefore limited by geographical isolation even on the best day.

Additionally, the dispensaries will have no economic incentive to purchase an individual farmer's added value product since they monopolize the monetization route. They will process and create their own products, and if they do need to buy flower biomass, they will set the price for the limited amounts of biomass they will require.

The FDA guidance regarding CBD use has not yet been offered. Setting limitations on the industry before final FDA guidance, will set the Hawaii hemp industry significantly behind if not destroy it.

We will remind the committee that the governors veto of the Hemp Bill last year has meant that we couldn't even move biomass intra state, while out of state hemp flowed freely. This cost the industry and the State millions last year.

The Hawaii Hemp Farmers Association urges this committee, the Legislature, and the agencies to look at the hemp legislation before you this year in a fresh perspective. States like Colorado and Oregon that have been successful in building a hemp industry in their state, have decided to coordinate their policy and administration of their programs to achieve success for their farmers and added value processors. Rational and reasonable approaches to managing the concerns of monitoring control of minuscule amounts of THC were put into effect. Years of experience has shown that success in the field can be achieved, taxable income spread vertically and laterally throughout the economy, and many agricultural jobs were created.

Many hemp products have been created and underwent the battery of tests that medical marijuana must pass. Hemp extract products have served millions of U.S. customers without widespread reports indicating that a public health emergency was imminent or needed to be anticipated through over necessary regulation or prohibition. These states enjoyed a robust infusion of investment in field production and subsidiary services, and this crop was a top ten crop in its first year.

The Hawaii Agricultural Industry needs the benefits that a successful hemp program would bring to our state. Bills like SB 2274 will literally kill the industry before it really had an opportunity to begin. We urge this committee to reject SB2274 now.

We urge you to oppose this bill and let it die now.

Respectfully Submitted,

A handwritten signature in black ink that reads "Ray Maki". The signature is written in a cursive, slightly slanted style.

Ray Maki  
President  
Hawaii Hemp Farmers Association

**SB-2274**

Submitted on: 2/9/2020 10:42:00 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>               | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-----------------------------------|---------------------------|---------------------------|
| Richard             | Testifying for Kokoiki Brands LLC | Oppose                    | Yes                       |

Comments:

February 9, 2020

Richard Bodien  
KOKOIKI BRANDS LLC.  
POB 198900  
Hawi, Hawaii 96719  
808 889 1282

RE: Opposition to SB 2274

Dear Honorable Senators,

I own several small businesses in Kohala on Hawaii Island. The State licenses me to sell liquor and tobacco products with known health and public safety risks that include mental impairment, overdose, abuse, violence, and death, because it wants the tax revenue.

I have been engaged in studying and selling CBD for over four years. In those four years I have never seen an example of mental impairment abuse, violence, or death associated CBD use. I have met a lot of homeless people and addicts and alcoholics, but I have never met one in this condition because of CBD use. What I have seen is people get off opiates, get some sleep, relieve their tired muscles, and treat their anxiety and depression without pharmaceuticals, synthetics, or illegal drugs.

I most recently created a company to process, package and market hemp flower. Here's the joke: my best hemp product is "Hawaiian Haze" grown in the Hudson Valley of New York.

I have some serious questions regarding SB 2274.

Is this about Public Safety? Or is this an effort to channel the CBD sales in Hawaii to established medical marijuana dispensary corporations?

If this is a public safety issue, then fine, let's see the stats and let's crack down. But if this is an effort to monopolize the sale of these products in Hawaii, it will fail dramatically, and simply push sales online. {*"Hmm, should I drive fifty miles or buy it on Amazon and have it delivered in two days?"*}

On the one hand, it may be completely harmless and helpful and we could allow everyone to grow hemp and create an industry to process it. This would be a very ecologically intelligent and sustainable choice. Or, it may be so dangerous that we should prevent everyone from doing anything with it. But why, under the guise of confusion and uncertainty, single out one type of producer and one distribution methodology as legitimate?

## **PEOPLE AND ANIMALS**

Our working and older populations live in pain, suffer great anxieties, and can't sleep. They want relief. They are not getting the relief they seek from pharmaceuticals and opiates. Do we want to deprive them of access to harmless products that provide effective relief and improve their overall well being?

Our pets and animals also suffer pain and anxiety, and they too benefit from access to CBD products. Are we going to force them, too, back to using pharmaceuticals and opiates and suffering their side effects.

Are we going to make people in rural areas drive inordinate distances to acquire pain relieving and health improving products? Is your elderly auntie or disabled uncle going to drive fifty to a hundred miles round trip to purchase these products at a marijuana dispensary?

Will this law protect consumers, or just make their lives more inconvenient, expensive, and miserable?

**PUBLIC HEALTH AND SAFETY: "The legislature also finds that despite efforts to educate the public about the risks of cannabidiol . . . "**

What are those risks? If CBD is as dangerous as this bill asserts, it must be too dangerous to sell anywhere

Is this an emergency? Has there ever been a single hemp or CBD overdose in the State of Hawaii?

Are the ERs crowded with cases of CBD poisoning?

Are there people on the streets homeless because of their CBD abuse? Have we seen an increase in Disorderly Conduct from hemp or CBD use?

Are there people swarming rehab because of CBD abuse? Are there people dying from CBD use? Are people getting addicted?

Are we going to stifle emergent health solutions that don't come with addiction or the side effects of synthetic "medicines"?

## **BUSINESS**

Does this bill advance the health and happiness of the state, or condense the market into the hands of already privileged corporations?

Was this bill written by Amazon? Do you really want to give more business to Amazon? Do we really want to drive CBD purchases in our state to online shops from the mainland? Is your auntie going to drive fifty miles round trip to go to a marijuana dispensary, or have it shipped?

Does Hawaii really want to once again throw away an opportunity for small farms and businesses to thrive?

Or could our state prosper from increased consumer interest in another branded Hawaiian specialty cash crop, similar to Kona coffee, and grown and crafted artisanally, instead of industrially?

Cannabis and hemp are already commodities throughout the world. Does Hawaii want to give what opportunity is left here to the few monied interests controlling local dispensaries?

Does the failure of the Canadian and California models of regulation, and the implosion of hemp prices nationally, provide any indication of the quality and price problems that regulation creates?

—

I strongly oppose SB 2274 because it creates excessive and unnecessary regulation for the sole purpose of monopolizing the industry into the hands of marijuana dispensaries. This bill will essentially destroy CBD usage, small hemp farmers, and those small businesses who have invested in this market.

The State of Hawaii should establish a free and open market for cannabinoid (CBD) products at all levels: farming, product development, distribution, and sales. Let our farmers grow, let's get some processors and producers rolling, and let our retailers bloom, or see this local opportunity wash away in a sea of online sales by national brands.

At this same time, we need to begin protecting our agricultural property. Only hemp that is grown in Hawaii should be used in products that use labels or marketing materials and strategies that use the words "Hawaiian hemp" or other place or Ahupuaa names in Hawaii, such as "Maui hemp", or references to Hawaiian culture such as "hula" in association with the word "hemp".

Please kill this bill now and let's move forward with a CBD market that will benefit all Hawaiians.

Respectfully submitted by,

*richard*

Richard Bodien

*richard@kokoikibrands.com*

**KOKOIKI BRANDS LLC**

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

**Hawaii Cigar & Ukulele**

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

**Mother's Cigar & Hemp Lounge**

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

**Hawi Nice Day Hemp Co.**

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

**CBD.CENTER**

[www.cbd.center](http://www.cbd.center)

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**SB-2274**

Submitted on: 2/7/2020 12:44:40 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|------------------------------------|---------------------------|---------------------------|
| JARED DALGAMOUNI    | Testifying for Hawaiian Choice CBD | Oppose                    | Yes                       |

Comments:

We strongly oppose this bill - as it will do enormous harm to Hawaii's CBD users and hemp farmers. This bill will require any user of CBD to obtain a 329 medical card and purchase only from a dispensary at a much higher price than the over the counter market is already providing products at - so obviously no one will do this - they simply will make purchases online from cheaper unregulated sources. We feel that this is a misguided attempt by the dispensaries to establish a monopoly on CBD sales without consideration that there are many out of state options available online which will attract customers to the blackmarket. It will also crush the Hawaii's hemp farmers and extractors, because presumably in line with the current 329 policy requiring vertical integration by the dispensaries - the dispensaries will have to grow it themselves, hence there will be no local market for the hemp farmer's products. We and the majority of the public strongly support SB2050 which is common sense and in line with the Hemp Industry recommendations, and other states which are moving forward with regulation.

**SB-2274**

Submitted on: 2/9/2020 6:07:36 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------|---------------------------|---------------------------|
| Debbie McMenemy     | Testifying for Lapa'au<br>Community<br>Acupuncture | Oppose                    | No                        |

Comments:

CBD's amazing healing properties need to be widely available, and the absence of THC in this product makes it safe for the public. Making zero THC CBD available only through dispensaries requiring a medical marijuana card is unnecessary, extreme oversight and mismanagement of this herb.

**SB-2274**

Submitted on: 2/8/2020 10:55:49 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                 | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-------------------------------------|---------------------------|---------------------------|
| Raymond J McGorry   | Testifying for Solvate Services LLC | Oppose                    | No                        |

Comments:

Aloha,

I would like to testify on behalf of myself and my Organization with regards to SB2274 – Industrial Hemp in the state of Hawaii and Cannabidiol. I believe that the bill has been not written in the best interest of the farmers, citizens and consumers in the state of Hawaii. As a scientist and farmer, I have a deep understanding of the plant and its potential uses in cosmetics, textiles, food and beverage, supplements and a wide range of other industrial applications. The installation of the bill discussed will limit access to a beneficial material to only those involved in the medical marijuana system. This will prevent most individuals whom benefit from this material from receiving it and only allow those few individuals who operate medical dispensaries from profiting from the sale of these products. Additionally, it will not be able to stop the import of CBD products from out-of state sources (internet sales cannot be restricted in any way) and will largely be ineffective against the illicit market.

As an Industrial Hemp license holder and cultivator, I have personally struggled with the contradictions and limitations that exist within the current Pilot Program framework. Under the current rules it is nearly impossible to operate a profitable business and leaves the farmer open to a tremendous amount of liability. The passing of this bill will not in any way support the local farmers and will be detrimental to the economic and physical health of the citizens in this state. It will also prevent most compliant growers from having the opportunity to partake in a market that is currently over-run by illicit producers. It is in the consumers and farmers best interest to oppose this bill and prevent its installation.

I urge you to oppose this bill and allow for this nascent industry to blossom and reinvigorate the agricultural industry and local communities of Hawaii.

Mahalo,

State of Hawaii Farmer



## PATIENTS WITHOUT TIME



~ helping cannabis patients in Hawaii since 2004.

Aloha lawmakers,

Please, OPPOSE this bill, SB2274

Cannabidiol is powerful medicine, with known side-effects, such as headaches, nausea, confusion, depression, and liver anomalies. CBD can worsen glaucoma, by increasing IO pressure, and has interactions with many common medications, which require warning labels.

Many unanswered questions and data gaps about CBD toxicity exist, and some of the available data raise serious concerns about potential harm from CBD. The revised [Consumer Update](#) outlines specific safety concerns related to CBD products, including potential liver injury, interactions with other drugs, drowsiness, diarrhea, and changes in mood. [US FDA NEWS RELEASE, Nov. 25, 2019.](#)

In addition, studies in animals have shown that CBD can interfere with the development and function of testes and sperm, decrease testosterone levels and impair sexual behavior in males. Questions also remain about cumulative use of CBD and about CBD's impacts on vulnerable populations such as children and pregnant or breastfeeding women. [US FDA NEWS RELEASE, Nov. 25, 2019.](#)

Under the FD&C Act, it is illegal to introduce into interstate commerce any human or animal food to which certain drug ingredients, such as CBD, have been added. In addition, the FDA is not aware of any basis to conclude that CBD is GRAS among qualified experts for its use in human or animal food. There also is no food additive regulation which authorizes the use of CBD as an ingredient in human



[PWTmaui.org](http://PWTmaui.org)

For more info email: [info@PWTmaui.org](mailto:info@PWTmaui.org)

food or animal food, and the agency is not aware of any other exemption from the food additive definition that would apply to CBD. CBD is therefore an unapproved food additive, and its use in human or animal food violates the FD&C Act for reasons that are independent of its status as a drug ingredient. <https://www.fda.gov/news-events/press-announcements/fda-warns-15-companies-illegally-selling-various-products-containing-cannabidiol-agency-details>

The FDA warns; “Companies are adding CBD to creams, oils, food and beverages. However, it’s currently illegal for companies to sell CBD-infused food and beverages across state lines **and to market any CBD products with health claims the FDA has not evaluated.**”

<https://www.cnn.com/2019/11/26/cbd-might-not-be-safe-despite-flood-of-products-fda-warns-consumers.html>

Penn Study Shows Nearly 70 Percent of Cannabidiol Extracts Sold Online Are Mislabeled. Mislabeling may lead to adverse effects for patients, including children with epilepsy, November 07, 2017.

<https://www.pennmedicine.org/news/news-releases/2017/november/penn-study-shows-nearly-70-percent-of-cannabidiol-extracts-sold-online-are-mislabeled>

Selling unapproved **products** with unsubstantiated therapeutic claims is not only a violation of the law, but also can put patients at risk, **as these products have not been proven to be safe or effective.** *US FDA, Nov 13, 2019.*

Hawaii’s medical cannabis dispensaries/patient/caregiver programs are the best vehicles to market cannabidiol products, if proper health warnings are provided.

**Mahalo,**

**Brian Murphy, Director**

**PATIENTS WITHOUT TIME**



February 7, 2020

Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Committee on Commerce, Consumer Protection, and Health

Senator Mike Gabbard, Chair  
Senator Russell Ruderman, Vice Chair  
Members of the Committee on Agriculture and Environment

Re: TESTIMONY IN SUPPORT OF **SB2274**

Aloha members of the Committee on Commerce, Consumer Protection, and Health and members of the Committee on Agriculture and Environment. Thank you for the opportunity to testify today to support Senate Bill 2274, which would mandate much-needed clarification, regulation, and safeguarding of all cannabidiol ("CBD") products in the State of Hawai'i.

As counsel for Hawai'i hemp and medical cannabis licensees, I am aware of an abundance of unregulated CBD products sold over-the-counter in various retail establishments throughout the State of Hawai'i. I support SB2274 because the current law is severely deficient to adequately and safely regulate the sale of CBD products, which affects not only legitimate businesses but more importantly, the public health.

One of my concerned clients recently commissioned a laboratory test of random over-the-counter CBD products found in the State of Hawai'i. The results validated my concerns. Of the three products tested: one contained four banned pesticides (imidacloprid, pyrethrins, chlorfenapyr, and piperonyl butoxide at nine times over the allowable threshold); one contained 0.376% THC, which is above the legal limit for hemp products; and the last product contained almost **zero** CBD -- essentially, an unknown substance but was labeled as CBD vaping oil. These products are, nonetheless, marketed as "legal" and accompanied by unfounded health claims.

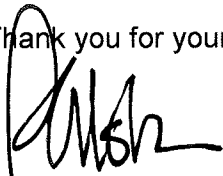
Under the current statutory framework, the State of Hawai'i Department of Health has sole authority to regulate all cannabis-derived products, which includes CBD and hemp-derived products. However, the DOH's responses to recent UIPA requests revealed that neither the Food and Drug Branch, the Sanitation Branch, nor the Medical Cannabis Dispensing & Licensing Program has ever collected or tested any over-the-counter CBD products sold by

retail establishments within the State. This lack of oversight of such potentially harmful and mislabeled products is alarming.

I discussed these issues with various statewide retailers. While some retailers acknowledged my concerns and voluntarily stopped the sale of CBD products, some refused by relying on the deficient statutes and the lack of regulatory oversight by the State. Meanwhile, the legitimate businesses who are licensed and selling properly labeled and tested CBD products to patients are unfairly disadvantaged.

I strongly urge the passage of SB2274, which clarifies the authority to regulate products containing cannabis and cannabis-derived products. More importantly, it establishes standards for laboratory testing and labeling of these products, to ensure that these products are tested for safety, purity, and potency. To protect the health of the general public, the need for SB2274 is imminent.

Thank you for your consideration.



Paul Alston



**SB-2274**

Submitted on: 2/9/2020 11:03:21 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>           | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-------------------------------|---------------------------|---------------------------|
| Lynn A McKinnie     | Testifying for LonoBotanicals | Oppose                    | No                        |

Comments:

Kill this bill, it is not good for everyone, only a few with ulterior motives and they don't play well with others.

February 8, 2020

To: Senator Rosalyn H. Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Senate Committee on Commerce, Consumer Protection, and Health

Senator Mike Gabbard, Chair  
Senator Russell E. Ruderman, Vice Chair  
Members of the Committee on Agriculture and Environment

Fr: Margaret Cole, Partner, Pan Pacific Ventures, LP

Re: TESTIMONY IN SUPPORT OF SB2274  
RELATING TO HEALTH

Pan Pacific Ventures, LP (PPV) is a partnership formed in Hawai'i in 1986 to invest in early stage enterprises on behalf of the Cole family. Over the past 34 years PPV has served as lead investor and often the principal manager for companies in multiple sectors, including organic agriculture, human nutrition, food processing, software development, health information systems and biotechnology.

On March 29, 2019, PPV was awarded license by the Hawai'i Department of Agriculture (HDOA) to grow hemp on up to 10 acres under the industrial hemp pilot program.

PPV **supports** SB2274, which would subject all products containing cannabidiol to rigorous regulation by the Hawai'i Department of Health and allow businesses with industrial hemp licenses issued by the HDOA to market quality-assured products derived from their hemp oleoresins.

As a state-licensed hemp producer dedicated to the production of quality-assured, hemp-derived medicinal products made in Hawai'i, PPV strongly supports the key provisions contained within SB2274, which would help to foster the development of an economically viable hemp industry in Hawai'i while *putting in place rigorous public health protections*.

Over the last few years, there has been an explosion in the availability of over-the-counter CBD products, to the point that they can now be found at just about any gas station convenience store in Hawai'i. Its widespread availability has undoubtedly led some consumers to believe that CBD is a perfectly safe substance to swallow, inhale, or apply to your skin. Yet on its CBD Consumer Advisory page<sup>1</sup>, the Food and Drug Administration cites numerous potential health risks

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<sup>1</sup> <https://www.fda.gov/consumers/consumer-updates/what-you-need-know-and-what-were-working-find-out-about-products-containing-cannabis-or-cannabis>

Pan Pacific Ventures, LP  
PO Box 1149  
Kula, HI 96790

associated with the consumption of CBD, including but not limited to liver toxicity<sup>2</sup>, drug-drug interactions<sup>3</sup>, and reproductive toxicity<sup>4</sup>. Furthermore, there have been numerous credible reports of mislabeled and contaminated CBD products.<sup>5</sup> By subjecting products containing CBD to strict regulatory oversight by the Hawai`i Department of Health, SB2274 will rightly ensure the public is properly educated about, and protected from, the potential negative health effects of unregulated and untested CBD products.

Current Hawai`i hemp law prohibits the movement of hemp resin or flowering tops from a licensed hemp grow area, thereby preventing hemp farmers from deriving any financial return from their hemp crops. SB would rightly fix this problem by allowing the movement of compliant resin or flowering tops to a licensed medical cannabis dispensary production center's approved manufacturing facility for processing into consumer products.

We note however, while SB2274 allows businesses with dispensary licenses issued under HRS 329D to serve as processors of industrial hemp oleoresin, the measure does not specify a process by which other entities may become licensed to process industrial hemp oleoresins. We urge your committee to consider adding a provision that would allow hemp licensees to obtain hemp processing licenses via a process administered by the Hawai`i Department of Health.

Respectfully,

Margaret Cole

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<sup>2</sup> ***Liver Injury:*** During its review of the marketing application for [Epidiolex](#) — a purified form of CBD that the FDA approved in 2018 for use in the treatment of two rare and severe seizure disorders — the FDA identified certain safety risks, including the potential for liver injury. This serious risk can be managed when an FDA-approved CBD drug product is taken under medical supervision, but it is less clear how it might be managed when CBD is used far more widely, without medical supervision, and not in accordance with FDA-approved labeling. Although this risk was increased when taken with other drugs that impact the liver, signs of liver injury were seen also in patients not on those drugs.'

<sup>3</sup> ***Drug Interactions:*** Information from studies of the FDA-approved CBD drug Epidiolex show that there is a risk of CBD impacting other medicines you take – or that other medicines you take could impact the dose of CBD that can safely be used. Taking CBD with other medications may increase or decrease the effects of the other medications. This may lead to an increased chance of adverse effects from, or decreased effectiveness of, the other medications.'

<sup>4</sup> ***Male Reproductive Toxicity:*** Studies in laboratory animals showed male reproductive toxicity, including in the male offspring of CBD-treated pregnant females. The changes seen include decrease in testicular size, inhibition of sperm growth and development, and decreased circulating testosterone, among others. Because these findings were only seen in animals, it is not yet clear what these findings mean for human patients and the impact it could have on men (or the male children of pregnant women) who take CBD. For instance, these findings raise the concern that CBD could negatively affect a man's fertility. Further testing and evaluation are needed to better understand this potential risk.'

<sup>5</sup>For Example, see:

[https://news.vcu.edu/article/Vape\\_CBD\\_The\\_eliquid\\_might\\_contain\\_some\\_unexpected\\_ingredients](https://news.vcu.edu/article/Vape_CBD_The_eliquid_might_contain_some_unexpected_ingredients)

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# U.S. Hemp Roundtable

502.319.2358 | 100 M Street, S.E., Suite 600, Washington, DC 20003 | [info@hempsupporter.com](mailto:info@hempsupporter.com)

February 9, 2020

Senator Rosalyn Baker, Chair  
Senate Committee on Consumer Protection and Health  
Senator Mike Gabbard, Vice Chair  
Senate Committee on Agriculture and Environment

Chair Baker, Chair Gabbard, and members of the joint committees,

Thank you for the opportunity to provide testimony in opposition to SB 2274 RELATING TO HEALTH. The measure would regulate cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act under chapter 328, Hawaii Revised Statutes, including mirroring certain provisions of the medical cannabis dispensary system under chapter 329D, Hawaii Revised Statutes; and allow licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

The U.S. Hemp Roundtable is a coalition of leading companies and organizations committed to safe hemp and CBD products. We proudly represent the industry's major national grassroots organizations, and are leading the way forward for hemp and CBD products through education and action. We do not view industrial hemp derived products as medication and believe that the most effective way to realize the potential of the industrial hemp market and allow for safe and regulated CBD products in the market is to establish the right conditions for the market to flourish. Unfortunately, SB 2274 would:

- prohibit the manufacture, sale, or distribution of any CBD derived products from any source unless approved by the Department of Health or obtained through the recommendation of a physician or advanced practice registered nurse
- Require labelling similar to prescribed medication
- Limit the manufacture and distribution of CBD products to approved medical marijuana dispensaries in the state

The proposed measure essentially treats CBD similar to medical marijuana in the State of Hawaii, does not provide the necessary framework to establish a viable hemp/cannabidiol industry and, would continue to maintain the current unregulated market being fulfilled through on-line sales and

unregulated marketplaces. For these reasons the U.S. Hemp Roundtable would recommend the bill be amended to mirror the language in SB 2050 RELATING TO INDUSTRIAL HEMP DERIVED PRODUCTS.

Thank you for the opportunity to testify.

*Paid for by U.S. Hemp Roundtable, Inc., an independent, nonprofit organization exempt from federal taxation under section 501(c)(4) of the Internal Revenue Code. Contributions to U.S. Hemp Roundtable, Inc. are not deductible as charitable donations for federal income tax purposes. 250 West Main Street, Suite 2800, Lexington, KY 40507.*

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

**SB-2274**

Submitted on: 2/10/2020 8:06:59 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>       | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------|---------------------------|---------------------------|
| Vince Kana`i Dodge  | Testifying for `Ai Pohaku | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:15:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>        | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------|---------------------------|---------------------------|
| laraine snyder      | Testifying for irie hawaii | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/10/2020 9:30:57 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>       | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------|---------------------------|---------------------------|
| Neil Ishida         | Testifying for ABC Stores | Oppose                    | No                        |

Comments:

RE: SB2274

ABC Stores strongly opposes SB2274 Relating to Health

This bill will allow the sale of CBD only in Medical Marijuana Dispensaries. This will result in an unfair monopoly. Local retailers, spas, and hotels would not be able to sell any CBD product. This lack of competition will lead to high prices and limited availability for consumers. Local CBD companies would shut down. Hawaii's hemp farms are also in strong opposition, because they do not see a way to be profitable should this bill pass.

Hawaii's businesses and consumers will benefit most when lab-tested CBD is sold in a free market.

Thank you for this opportunity to testify.

**SB-2274**

Submitted on: 2/5/2020 8:18:47 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Wailana Marvin      | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 8:23:24 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Gianna DeTrollo     | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 8:24:46 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| pat gegen           | Individual          | Support                   | No                        |

Comments:

February 9, 2020

TO: Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Committee on Commerce, Consumer Protection & Health

Senator Mike Gabbard, Chair  
Senator Russell Ruderman, Vice Chair  
Members of the Committee on Agriculture & the Environment

FROM: Michael Backes, Cannabinoid Researcher, Author, Consultant

RE: **TESTIMONY IN SUPPORT OF SB2274**

RELATING TO HEALTH.

Cannabidiol; Department of Health; Laboratory Standards and Testing; Marketing and Labeling  
Regulates cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act. Allows licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

Thank you for the opportunity to testify in support of SB2274. I am a medical cannabis researcher, author of *Cannabis Pharmacy*, educator, and cannabis policy consultant with clients in Hawai'i and abroad. Since 2008, I've been an advocate for Project CBD, a nonprofit dedicated to promoting and publicizing research into the medical uses of cannabidiol. It was my pleasure to participate in a briefing on CBD at the invitation of Senator Baker and Representative Mizuno in this building last September.

Since the September legislative briefing, the FDA updated its public advisory<sup>1</sup> for CBD to confirm the prescription drug Epidiolex is the only approved CBD product in the United States. The FDA further clarified that it is illegal to market CBD as a dietary supplement. After reviewing limited CBD data, the FDA concluded the health risks were significant enough to issue a consumer advisory against taking CBD. The FDA is concerned that people mistakenly believe that CBD "can't hurt," when in fact it can. Very few consumers are aware of the potential health risks associated with using CBD products including interactions between CBD and several commonly prescribed drugs.

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<sup>1</sup> <https://www.fda.gov/consumers/consumer-updates/what-you-need-know-and-what-were-working-find-out-about-products-containing-cannabis-or-cannabis>

The FDA has also continued to issue warning letters to companies for illegally selling CBD-containing products in violation of the Federal Food, Drug, and Cosmetic Act (FD&C Act). Misleading, unproven, and false claims about CBD products can lead consumers to delay urgent medical care or to substitute CBD products for needed medication.

The FDA is also disturbed by the questionable quality of many CBD products. The lack of appropriate manufacturing controls, safety standards and truthful labeling requirements put consumers at additional risk. The FDA tested the chemical content of cannabinoid compounds in an array of randomly purchased products, and discovered that many did not contain the levels of CBD claimed.

A comparable study led by Marcel Bonn-Miller<sup>2</sup> published in the Journal of American Medicine in 2017, tested the contents of 84 different CBD products sold online and found that nearly 70 percent were inaccurately labeled; THC was detected in 18 of these 84 products. Similar surveys have yielded similar results.

Despite the fact that *it is illegal to market CBD as a dietary supplement*, countless CBD products are sold online and throughout Hawai'i by so-called CBD dispensaries, gas stations, beauty salons, and convenience stores,. One Hawai'i retailer, Medic808<sup>3</sup>, regularly airs television commercials featuring video testimonials that infer CBD products can cure Type 2 diabetes, mitigate Parkinson's Disease, relieve muscular, arthritic, and neuropathic pain, and treat anxiety and insomnia.

Perhaps the most troubling of these products are hemp cigarettes being sold at smoke shops and retailers throughout Hawai'i. Cigarette manufacturers have historically manipulated the chemistry of cigarette products to increase "irritation and impact" in the throat and lung<sup>4</sup>, factors that contribute to the pleasure of smoking, and even a portion of its addictiveness. In tests at state approved cannabis testing facilities, several of these cigarette brands contained THC levels in excess of those permitted in federally legal hemp.

Confusion about these products stems from the misperception that the 2018 Federal Farm Bill "legalized" CBD. When Congress passed the bill, it established a legal category of cannabis known as hemp, defined as containing no more than 0.3% THC. However Congress explicitly preserved the FDA's authority to regulate CBD-containing products to ensure they're safe and that claims made about them are valid. Under current law, CBD is permitted in food or dietary supplements *only* if the FDA issues a regulation allowing its use. Unfortunately, FDA regulations have yet to be issued.

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<sup>2</sup> Bonn-Miller MO, Lofflin MJE, Thomas BF, Marcu JP, Hyke T, Vandrey R. Labeling Accuracy of Cannabidiol Extracts Sold Online. *JAMA*. 2017;318(17):1708–1709. doi:10.1001/jama.2017.11909

<sup>3</sup> <https://medic808.com/video-testimonials/>

<sup>4</sup> Davis, Daniel Layten, and Mark T. Nielsen. *Tobacco: production, chemistry and technology*. No. 679 D3. 1999.

In the absence of explicit FDA regulation, state and regional governments need to step in to protect public health. I've observed state regulatory efforts through the nation.

In May 2018, the Centers for Disease Control (CDC) published its summary<sup>5</sup> of a case in Utah when 52 people were sickened by a product named *Yolo CBD Oil*. The top three reported symptoms were altered mental states, nausea or vomiting, and seizures or shaking. The product label contained no information about the manufacturer, or ingredients. The product was tested by the Utah Public Health Laboratory and the Utah Department of Public Safety Crime Laboratory and found to contain a synthetic cannabinoid, 4-cyano CUMYL-BUTINACA (4-CCB), but no CBD. As a result, the CDC recommended, "States should consider regulating products labeled as CBD and establishing surveillance systems for illness associated with products labeled as CBD to minimize the risk for this emerging public health threat."

In 2018, the Utah State Legislature passed HB130, the Cannabidiol Product Act<sup>6</sup> that authorizes the cultivation, production, and possession of hemp and the sale and use of cannabidiol products under certain circumstances; grants various state agencies rulemaking authority and requires all CBD products to be registered with the state and provide lab samples and consumer data. The measure also directs the state to randomly test CBD products for potency and contaminants.

Like Utah's example, SB 2274 takes a significant step toward safeguarding public health by providing a framework for the safe manufacture and sale of hemp-derived CBD throughout Hawai'i. Unlike Utah, Hawai'i has already established considerable institutional capacity built upon patient welfare, quality-assured products and public safety since establishing the medical cannabis dispensary system in 2015. This system includes licensing and inspection of cannabis product manufacturers and independent testing labs monitored by the Hawai'i Department of Health and the Department of Public Safety, Narcotics Enforcement Division.

For these reasons, I urge passage of SB 2274.

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<sup>5</sup> Horth RZ, Crouch B, Horowitz BZ, et al. *Notes from the Field: Acute Poisonings from a Synthetic Cannabinoid Sold as Cannabidiol — Utah, 2017–2018.* MMWR Morb Mortal Wkly Rep 2018;67:587–588. DOI: <http://dx.doi.org/10.15585/mmwr.mm6720a5>

<sup>6</sup> <https://le.utah.gov/~2018/bills/static/SB0130.html>

**SB-2274**

Submitted on: 2/6/2020 1:35:55 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kathleen Smith      | Individual          | Support                   | No                        |

Comments:

Aloha Chair Gabbard, Vice chair Ruderman, and members of the committee,

As stewards of the Earth, we must protect our environment and the health and safety of all who live here.

I am writing today in strong support of SB2774, prohibiting the operation of underground storage systems with a capacity of 100,000 gallons or more, mauka of the underground injection control line, after 1/1/2028.

As a water drinker, I am incredibly concerned that the underground storage tanks at the U.S. Navy's Red Hill storage facility remain in operation directly above a major water source. The Red Hill tanks are over 75 years old and have a long history of leaking fuel into the surrounding environment. This facility alone has leaked over 200,000 gallons since construction, most recently releasing 27,000 gallons of fuel in 2014—none of which was ever located or cleaned up. More upsetting is that the Navy's own recent study shows that the tanks at Red Hill have a 27.6% chance of leaking 30,000 gallons of fuel every year and that they expect chronic fuel leaks of 5,800 gallons every year. I cannot stand idly by while there is such a massive threat to O'ahu's drinking water security and I invite you to join me by passing this much needed bill.

There is no tank upgrade option that provides as much security as the relocation of the Navy's fuel away from drinking water resources.

Thank you for the opportunity to testify on this important matter.

Sincerely,

Kathleen Smith



**SB-2274**

Submitted on: 2/6/2020 8:34:53 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>         | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------------|---------------------|---------------------------|---------------------------|
| Jennifer Azuma<br>Chrupalyk | Individual          | Support                   | No                        |

Comments:



Gregory K. Yim, M.D. LLC  
*Pediatric Neurology*

Kapiolani Medical Center for Women and Children  
1319 Punahou Street, Suite 1000 • Honolulu, HI 96826  
TEL 808-946-4474 • FAX 808-946-4475  
E-mail: Gregyim@aol.com

February 8, 2020

TO: Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Committee on Commerce, Consumer Protection & Health

Senator Mike Gabbard, Chair  
Senator Russell Ruderman, Vice Chair  
Members of the Committee on Agriculture & the Environment

FROM: Gregory Yim, M.D.

RE: TESTIMONY IN SUPPORT OF SENATE BILL 2274

Aloha members of the CPH and AEN committees, I testify today in support of Senate Bill 2274, which would mandate much needed regulation of hemp-derived cannabidiol under the Hawai'i Department of Health (DOH).

As a pediatric neurologist, I care for some of our state's most vulnerable patients, children with neurological disorders. My lifelong interest in integrative medicine led me to explore the safety and efficacy of cannabinoid-based treatments for pediatric patients.. This resulted in my position as chief medical officer (CMO) for one of Hawai'i's licensed medical cannabis dispensaries. As CMO, my focus is on research and education in support of safe, evidence-based use of cannabinoids as part of an integrative therapeutic program.

My support for this bill comes from my grave concerns about the abundance of unregulated hemp-derived CBD products sold over-the-counter throughout Hawai'i. Aside from the unfounded health claims regularly made by many of these retailers, I am disturbed by the lack of regulatory oversight applied to verifying product safety and purity. In many cases, CBD products claim to be tested by independent labs outside of Hawai'i, but consumers have no way of verifying the standards, analytical rigor, legitimacy or timeliness of these remote laboratories. On the other hand, licensed labs regulated and inspected by DOH and NED are held to the high standards established by our medical cannabis regulations for independent lab testing program. Few, if any other states rise to Hawai'i's standards.

Market-driven publicity has led many to mistakenly believe that CBD is a benign compound like multivitamins. This is not true. The FDA recently updated its public advisory<sup>1</sup> to say there are many unknown aspects about CBD usage, including the effect of CBD on a child's developing brain, on a developing fetus, or on a breastfed infant.

In September 2019, Hawaii News Now commissioned independent lab testing of seven CBD products purchased from Hawaii retailers.<sup>2</sup> Results showed that, ***in every single case***, the cannabidiol potency ***did not match*** the information on the label. Tests also showed potentially dangerous undisclosed additives in some products, and that some contained traces of fungus and bacteria. ***One product even contained an illegal amount of THC***. This is an unacceptable risk for anyone who wants to try CBD for therapeutic reasons, but it becomes a genuine danger to any young, vulnerable pediatric patient.

For these reasons, I urge your committees to pass SB2274 as a needed and reasonable health protection for Hawai'i's citizens, especially those who are too young to speak on their own behalf.

Mahalo for your consideration.

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<sup>1</sup> United States Food & Drug Administration, *Consumer Update, November 21, 2019*  
<https://www.fda.gov/consumers/consumer-updates/what-you-need-know-and-what-were-working-find-out-about-products-containing-cannabis-or-cannabis>

<sup>2</sup> Hawaii News Now, *HNN investigation finds bacteria, inaccurate potency in popular CBD products*  
<https://www.hawaiinewsnow.com/2019/09/12/hnn-investigation-finds-bacteria-inaccurate-potency-popular-cbd-products/>

To: Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Senate Committee on Commerce, Consumer Protection, and Health

Fr: Jaclyn L. Moore, Pharm D.

**TESTIMONY IN SUPPORT OF SENATE BILL 2274**

Regulates cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act. Allows licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

As a pharmacist, I am submitting testimony today **in support of SB2274** which expressly regulates cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act under chapter 328, Hawaii Revised Statutes, including mirroring certain provisions of the medical cannabis dispensary system under chapter 329D, Hawaii Revised Statutes; and allows licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

Labeling accuracy for CBD product ingredients, and potency is critical when assessing potential drug interactions for patients consuming CBD products and other medications. CBD is a known inhibitor of certain liver enzymes (CYP 2C19, 2C9, 3A4) that are responsible for metabolizing external substances such as pharmaceutical and over-the-counter medications. Medications with narrow therapeutic windows, such as warfarin, are metabolized by this same sub group of enzymes that CBD inhibits, the combination of which could potentially result in adverse drug reactions, therapeutic failure, or toxicity. However, drug interactions can be effectively managed if the proper information is available to patients and their healthcare providers.

According to a May 15, 2019 ABC report which accessed the largest test results and analysis on CBD products in market, 70 percent of the 240 top-selling hemp-derived CBD products were “highly contaminated” with lead, glyphosphate (Round-up), BPA, arsenic, pesticides, and toxic mold. When assessed for “truth in labeling” some products had no CBD whatsoever, and others contained 5-6 times more CBD than claimed.

Another research study analyzed 84 products from 31 different companies. The results: 42 percent of products were under-labeled for CBD; only 31% were labeled accurately; and THC was detected in 18 of the 84 products. *Marcel O. Bonn-Miller, PhD et al, 2017*

With the wide availability of unregulated CBD on the market with an unknown pedigree, this bill establishes the framework needed to provide consumers with the peace of mind that what people are consuming, in some cases as medicine, is tested and accurate with the information provided on the label, and has undergone extensive lab testing for pesticides, microbials, and heavy metals.

Aloha,  
Jaclyn L. Moore, Pharm.D.

**SB-2274**

Submitted on: 2/5/2020 8:24:47 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lily Reynolds       | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 8:25:32 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kalia Hamid         | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 10:40:31 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lucas McSweeney     | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 10:45:48 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Bradley Pratt       | Individual          | Support                   | No                        |

Comments:



**SB-2274**

Submitted on: 2/5/2020 10:45:56 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| sienna              | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:10:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>       | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------------|---------------------|---------------------------|---------------------------|
| VALENTINO<br>MIRANDA-KEPA | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:11:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| ASHLEY MATTOS       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:14:07 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Naomi Muronaka      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 2:09:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Daniel Ehrke        | Individual          | Oppose                    | Yes                       |

Comments:

I can personally vouch for CBD being effective to help with pain and sleep apnea. I have used it and given it to family members to use who have found it effective. I work at a small coop market and cbd products have been one of the biggest sellers. The whole reason I know about it is because it's not a restricted substance and is sold in stores all around Honolulu. I would ask you please not to restrict something that is less harmful than aspirin, which can kill someone if they overdose. CBD no matter on how much quantity taken can not kill anyone. It is more beneficial than harmful and helps stimulate the local economy.

**SB-2274**

Submitted on: 2/6/2020 10:19:49 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| ellen benton        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:23:46 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Shannon Rudolph     | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:32:03 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Mariner Revell      | Individual          | Oppose                    | No                        |

Comments:

Why would anyone restrict open access to CBD? Show me one person that has overdosed from CBD or has had a severe negative reaction to CBD! Where is the proof that CBD is harmful and should only be sold by a dispensary or pharmacy? Stop protecting the interests of Big Pharma!



**SB-2274**

Submitted on: 2/6/2020 10:40:57 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| natalea mikami      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:43:31 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Hoku                | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 7:50:33 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| jonah               | Individual          | Oppose                    | No                        |

Comments:

cbd helps people

**SB-2274**

Submitted on: 2/6/2020 10:53:44 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Paul Marshall       | Individual          | Oppose                    | No                        |

Comments:

Dear Honorable Senators,

I strongly oppose SB 2274. Please oppose this bill and let it die in committee. The regulation it creates is excessive and will put Hawaii hemp farmers out of business.

Although some aspects of this bill are needed, they are provided for in other legislation introduced in this session.

Thank you,

Paul Marshall

**SB-2274**

Submitted on: 2/6/2020 11:19:28 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| C. Kai Lucas        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 11:37:30 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Eric Heaukulani     | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 11:50:53 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Karen Winslow       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 12:44:09 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Jacob Nelson        | Individual          | Oppose                    | No                        |

Comments:

SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market. Our farmer members state this bill will force them out of business. There are other hemp bills making their way through the legislature that include the rational aspects of SB2274, so there is no need for SB2274.



**SB-2274**

Submitted on: 2/7/2020 2:34:49 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Bridgit Bales       | Individual          | Oppose                    | No                        |

Comments:

Strongly OPPOSE this Bill. Mahalo.

**SB-2274**

Submitted on: 2/7/2020 4:30:45 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Brenda Chase        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 5:28:11 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Rexann Dubiel       | Individual          | Oppose                    | No                        |

Comments:

No. Period.

**SB-2274**

Submitted on: 2/7/2020 7:09:11 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Raphiell Nolin      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 7:13:33 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Greg Koch           | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 5:50:22 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lori Buderus        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 5:32:14 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Louisa Wooton       | Individual          | Oppose                    | No                        |

Comments:

STRONG OPPOSITION TO THIS BILL.

**SB-2274**

Submitted on: 2/7/2020 8:29:52 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Ken Stover          | Individual          | Oppose                    | No                        |

**Comments:**

Senate Bill 2274 is strongly OPPOSED by our membership hemp farmers and the Hawaii Hemp Farmers Association. SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market. Our farmer members state this bill will force them out of business. There are other hemp bills making their way through the legislature that include the rational aspects of SB2274, so there is no need for SB2274.



**SB-2274**

Submitted on: 2/7/2020 8:30:28 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                 | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-------------------------------------|---------------------------|---------------------------|
| Timothy Clark       | Testifying for hawaii medicinal llc | Oppose                    | No                        |

## Comments:

This bill is not good for hemp farmers. We need a better bill in place to satisfy the industry's demand. States throughout the country are doing so well with hemp production. Please get on board with the times and let's make a sustainable future.

**SB-2274**

Submitted on: 2/7/2020 9:18:25 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Jamie Sabatini      | Individual          | Oppose                    | No                        |

Comments:

I strictly oppose this bill as it will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the CBD market and may force them out of business. I look forward to supporting other bills that include the rational aspects of SB2274.

**SB-2274**

Submitted on: 2/7/2020 9:45:29 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Nicole Brown        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 9:46:30 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Suellen Barton      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 10:51:28 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>   | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------|---------------------|---------------------------|---------------------------|
| Erika Lechuga Disalvo | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 10:54:27 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>   | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------|---------------------|---------------------------|---------------------------|
| Jacqueline S. Ambrose | Testifying for HFUU | Oppose                    | No                        |

Comments:

SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market. Our farmer members state this bill will force them out of business.

**SB-2274**

Submitted on: 2/7/2020 10:57:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Linda Hastings      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 11:37:44 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dennis F Lokmer     | Individual          | Oppose                    | No                        |

Comments:

Potential for over-control of people farming hemp.



**SB-2274**

Submitted on: 2/7/2020 12:44:52 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Joy Nelson          | Individual          | Oppose                    | No                        |

Comments:

Joy Nelson

**SB-2274**

Submitted on: 2/7/2020 1:25:05 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                            | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------------------|---------------------------|---------------------------|
| Eva Lee             | Testifying for Hawaii Farmers Union Unites Tea Committee Chair | Oppose                    | No                        |

Comments:

Dear Honorable Senators,

I oppose SB 2274 as Chair of Tea Committee HFUU organization and as a small business owner and tea farmer advocating for value added products of Hemp grown in Hawaii. This bill will surely halt any development in marketing Hawaii Origin Hemp Products. Hawaii has successfully accomplished the research and development to move forward in the commercialization of Hawaii grown hemp. SB 2274 should be opposed.

Sincerely,

Eva Lee

**SB-2274**

Submitted on: 2/7/2020 1:57:45 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Thomas Craig        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 6:34:08 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>         | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------------|---------------------|---------------------------|---------------------------|
| Dr Kimberly Turnbull,<br>DC | Individual          | Oppose                    | No                        |

Comments:

This bill is bad for everybody except the dispensaries.

**SB-2274**

Submitted on: 2/8/2020 2:19:27 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>             | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------------|---------------------------|---------------------------|
| Bonnie Marsh        | Testifying for UpCountry Doctor | Oppose                    | No                        |

Comments:

To Senator Rosalyn Baker, Chair of Senate Committee on Commerce-Consumer Protection and Health

I am opposing SB2274 as a private citizen and Naturopathic Doctor. This bill would have a negative impact on Hemp farmers, citizens without medical cannabis cards and small businesses. Only benefiting local Cannabis Dispensaries.

Please join me in opposing this poorly written bill,

Dr. Bonnie Marsh

**SB-2274**

Submitted on: 2/7/2020 10:37:23 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dennis A Leri       | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill on the grounds that it places undue restrictions on the process for our farmers.

**SB-2274**

Submitted on: 2/7/2020 10:54:55 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Bryon Lee           | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 8:34:02 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Judy Epstein        | Individual          | Oppose                    | No                        |

Comments:

I have been informed that my ability to obtain CBD products is going to be jeopardized from how I am currently able to obtain it should this bill pass. I have an elderly dog who has dramatically improved with the use of CBD oil twice daily on his food. I would be devastated as would my dog's mobility should this bill pass. Please DO NOT PASS THIS BILL!!!



**SB-2274**

Submitted on: 2/8/2020 10:16:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Michael Clay        | Individual          | Oppose                    | No                        |

Comments:

It has come to my attention that bill SB2274 is currently under consideration by the Hawaii legislature and while the general concerns of the bill to regulate and control the safety of cannabis products in general and CBD products in specific are to be commended; the provision limiting distribution by “physicians” and dispensaries (Page 4 section on prohibitions) should be reconsidered and/or dropped.

This type of provision creates a catch 22 situation where only physicians can approve obtaining CBD products while at the same time they are limited from prescribing CBD since it is not a medically approved treatment.

I have personally used CBD oil on skin lesions resulting from my dysplastic mole syndrome with therapeutic effects... so I KNOW it is effective but medical establishment rules recognize no such activity.

The scope of this Bill should be to control the types, purity and concentrations of all CBD oils imported to the state through whatever means and not to control so drastically the point of sale. It is my understanding that the bill SB 2050 is a better approach to this problem.

Dr Michael E Clay Haiku, HI

**SB-2274**

Submitted on: 2/8/2020 8:37:51 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Edward Aloï         | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 12:42:42 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By     | Organization | Testifier Position | Present at Hearing |
|------------------|--------------|--------------------|--------------------|
| randall marshall | Individual   | Oppose             | No                 |

Comments:

Aloha Sen Rosalyn Baker and to whom it may concern,

Greetings!

My name is Randall Marshall. I am a supplements buyer at Island Naturals in Kailua-Kona, HI. I have used hemp oil to help me sleep for about 6 years. Its very effective. I also use it for optimal well-being. To me hemp oil products are like a multivitamin as it nourishes/strengthens the endocannabinoid system the same way vitamins nourish the body with nutrition.

I'd like to say it is a pleasure to write you today about my position on SB2274. I strongly OPPOSE this bill as it will only benefit the profitting strategy of Cannabis (THC SALESMAN) from dispensaries and not the general retail outlets whom have been very grateful to offer these phytocannabinoid rich hemp products to the public. Dispensaries sell Cannabis Indica and Cannabis Sativa products which are therapeutic to people who need THC.

At our store, we sell hemp oil products that are third-party tested for purity to the public who depend on them due to their healing properties from the full spectrum of Phytocannabinoids that synergize together to stimulate the endocannabinoid system. These products are extremely low in THC and high in other phytocannabinoids and are protected by the 2018 farm bill. There is also THC free Hemp Oils available and hoards of scientific research showing how safe these products are. They do not create psychoactive effects as their THC levels are below .3%. There are no toxic side effects in Hemp Oil usage that are common in over the counter medications such as advil and tylenol. What I have seen in people using hemp oil for a duration of time is miraculous. I've seen people come off of decades long use of opioids that were making them deathly ill to being able to engage in normal life again. I've had the honor of seeing people smile again, knowing that after many years of struggle they've finally found something that works for them.

A hundred years ago, these hemp oil phytocannabinoid products were available in retail stores just as they are now until Henry Ford decided he was going to build the hemp car; a car that ran on hemp gas. The big oil companies didn't want that to happen because the cost for hemp gas would be very inexpensive and they would lose out on

lots of money. So through propaganda they demonized all cannabis and hemp so the Big Oil machine could prosper. This is what is happening again with this bill SB2274.

To be clear, the products we sell from Island Naturals are all third-party tested for purity and are free of toxic materials such as lead or arsenic. Each hemp oil product has a scannable tag that will take the consumer to the website showing the products purity. The hemp oil industry is very transparent. We are very fortunate and grateful to have these hemp based products and to lose them at the retail level would be horrendous for thousands of people.

Please oppose this ridiculous Bill SB2274. By opposing you would be helping me, and countless others whom depend on these products every day for their optimal well-being. They are supplements and shall remain supplements.

Thank you for taking the time to read this. I am eternally grateful for you.

Mahalo

Randall Marshall

**SB-2274**

Submitted on: 2/8/2020 10:53:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>        | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------|---------------------------|---------------------------|
| Anna Barbeau        | Testifying for self & HFUU | Oppose                    | No                        |

Comments:

Over regulation will unfairly squeeze out small local Farmers so this Bill is overkill.

**SB-2274**

Submitted on: 2/8/2020 1:21:09 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Iana Papke          | Individual          | Oppose                    | No                        |

Comments:

I am a consumer and I oppose this bill.

**SB-2274**

Submitted on: 2/8/2020 2:00:03 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| wendy kelly         | Individual          | Oppose                    | No                        |

Comments:

This is an attempt to create a monopoly for hemp. Full spectrum hemp extracts are completely safe and should not be confined to dispensaries only. They get the THC cannabis derived products. The community should have every right to use hemp derived products under the herbal extracts industry. This is a very greedy attempt and I hope that it does not pass. That would be a shame.

**SB-2274**

Submitted on: 2/8/2020 2:25:25 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>  | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|----------------------|---------------------|---------------------------|---------------------------|
| Elizabeth MacDougall | Individual          | Oppose                    | No                        |

Comments:

I vote NO on SB 2274 mahalo!



**SB-2274**

Submitted on: 2/8/2020 2:54:13 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Megan Talley        | Individual          | Oppose                    | No                        |

Comments:

Aloha and thank you for taking the time to read this testimony. I will be as brief and direct as possible.

I am the operations manager for Omao Lands, LLC. We have a 3.5 acre hemp farm that will be going into its second harvest this week. We are building a state-of-the-art ethanol extraction facility that was ultimately built for compliance and oversight by whichever department is elected to be in charge of manufacturing/processing. We are moving forward with ethanol because it is the safest extraction method currently being employed in the CBD industry. We have chosen to use organic sugar cane ethanol and our hemp crop is certified organic by the strictest certifying agency in the nation.

Hemp and marijuana are not equivalent to each other. Hemp is completely non-psychoactive in nature. Under the 2018 Farm Bill .3% THC is the legal limit, and amount that is ultimately not bioavailable enough to register in your body to get you "high." It is surprising that 2274 puts the two side by side on the same playing field. The 2018 farm bill explicitly defines and separates the two plants.

To be direct: bill SB2274 kills the hawaii hemp industry before it even gets off of the ground. The bill is overly strict and contradictory to the FDA guidelines that have been put in place. The FDA is currently regulating and sending cease and desist letters to companies claiming direct health benefits or are selling adulterated food products. Under the FD&C act, at the federal level, CBD is allowable in cosmetics.

Ultimately the state of Hawaii should be a leader in the hemp industry on a whole, even outside the specialized market of CBD sales. Our unique climate allows us to have multiple growing seasons in comparison to the mainland single season. I have been able to gainfully employ 7 full time employees since February 2019 to run the farm as well as bring our ethanol extraction facility to fruition. This does not include the 30+ trades folks that have been a part of the construction process since last June.

My underlying message and plea to you is to please allow the FDA to make it's final judgement and hand out guidelines on CBD before entertaining such strict measures.

The labeling measures suggested by 2274 are overly restrictive and ultimately contradictory to the FDA's stance of no medical claims, after all, this bill requires us to sell in a medical dispensary. No where else in the nation, especially in states with a thriving hemp industry, do you see hemp derived CBD sold in a medical dispensary. To the contrary, California has explicit rules that hemp derived products cannot be sold in medical and recreational cannabis dispensaries. Hemp is a non-psychoactive plant that is ultimately an industrial agricultural product.

Colorado is an excellent example of a state that has their health department reasonably and feasibly managing the labeling of CBD as well as providing oversight for processing and manufacturing. I want to see our HDOA and DOH work cohesively to help usher in a new era of agriculture for the state of Hawaii. The tax benefits derived, by the sale of hemp products, could be tremendous if this industry can get off the ground here. Education programs can be built. Roads can be repaired. Again, Colorado has a beautiful cohesion between industry and government and because they co-exist so well, so many people are benefitted and a greater good is served.

Please, please allow the state of Hawaii to have a fighting chance in the national and global hemp markets. Let's approach this subject rationally so that everyone can win, ESPECIALLY the Hawaii farmers.

Megan Talley Womble Operations Manager

p: (808) 639-0775

**SB-2274**

Submitted on: 2/8/2020 3:50:05 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Monique gunn        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 4:30:21 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| J Riverstone        | Individual          | Oppose                    | No                        |

Comments:

Dear Legislators,

There is no need for this bill, and it will make important health products more expensive.

Please vote against it.

Aloha

Gerald Riverstone

**SB-2274**

Submitted on: 2/8/2020 5:43:20 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Sandra              | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 2:53:16 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| dillon rellez       | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill because mom and pop shops should be able to sell it as long as it is tested in a correct manner. That being said customers should ask the doctor before they take any product that they consume. Thank you for your time.

**SB-2274**

Submitted on: 2/8/2020 7:25:15 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kimberly Gale       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 7:47:13 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| RALLEN A CAYA       | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/8/2020 7:53:07 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Danny Macias        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 7:40:27 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Matthew Nelson      | Individual          | Oppose                    | No                        |

Comments:

This bill is bad for the community and only good for the 2 dispensary's on Maui. Do not vote for this please!

**SB-2274**

Submitted on: 2/8/2020 9:03:12 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By         | Organization | Testifier Position | Present at Hearing |
|----------------------|--------------|--------------------|--------------------|
| Mary Whispering Wind | Individual   | Oppose             | No                 |

Comments:

Aloha Lawmakers,

Please **OPPOSE** this bill, SB2274.

Cannabinoids, such as CBD are powerful medicines, that also have known side-effects. Please do not rush to pass bills to allow marketing of CBD to generate profits, while endangering public health by marketing pharmaceutical hemp products, that have not been properly researched for safety.

The Food and Drug Administration has significantly ramped up its warnings about the potential health hazards of CBD infused into food, beverages and other products.

As the FDA bluntly stated on Nov. 25, 2019, "CBD has the potential to harm you, and harm can happen even before you become aware of it." The agency lists as potential dangers liver injury, "serious side effects" from the effect of CBD on the metabolizing of other drugs, combining CBD with alcohol and other central nervous system depressants, changes in alertness, gastrointestinal distress and such mood changes as irritability and agitation.

"It is currently illegal to market CBD by adding it to food or labeling it as a dietary supplement," the FDA said. "The FDA has seen only limited data about CBD safety and these data point to real risks that need to be considered before taking CBD for any reason."

Farmers that literally "bet the farm" on producing pharmaceutical hemp products could lose significant investments if, "With the stroke of a pen, government agencies like the Food and Drug Administration could make CBD-based food and beverage products go away until testing verifies that CDB is proven to be generally recognized as safe."

It's not known when the FDA will conduct enough research to create a regulatory framework for CBD in consumer products.

The cannabis dispensary/patient/caregiver system is the place for cannabinoids for patients, under a doctor's care, and produced from cannabis, with the full spectrum

entourage effect, not isolated CBD pharmaceuticals rushed to public markets for profits, instead of following proper standard medical procedures for patient safety.

Mahalo,

Mary Whispering Wind

**SB-2274**

Submitted on: 2/8/2020 9:47:11 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Steven Forman       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 11:01:40 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                                                                            | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Jeremiah Holguán    | Testifying for Representing holistic health and regenerative agricultural academic educators and professionals | Oppose                    | No                        |

Comments:

I live in Waimea and my entire schedule is booked for the foreseeable future for several months or I would be present to give this speech today. I work independently with a variety of clients throughout both popular culture and even into the office of pedagogues creating mandated governmental legislature for the public curriculum. I am also affiliated personally with many organic and natural farmers on the Hawaiian islands who range in their scope of practice from providing farm-to-table food for high-end retreat centers to farmers growing large amounts of produce on a seasonal basis. I have done this business privately for many years, although I began originally just in the field of holistic health and fitness as a practice for bringing the body into its most optimal state for physical and mental high performance. The inception of my practice came from extreme pain.

I was born with severe and debilitating scoliosis. I have numerous experiences spanning the entirety of my life, from early childhood to my young adult life, where my my erector spinae would seize uncontrollably at random. This would either wake me up suddenly or drop me during the day, I vividly remember screaming randomly a lot as a child. The downstream effects were a severe navicular drop which would put chronic sheering forces from the internal rotation of the legs creating dysfunction within the entire posterior chain of my body. I lived with a severe anterior pelvic tilt as a compensation pattern for faulty hip-stability mechanics, and as a result, lived with horrendous chronic migranes and back pain. It was so intense that at a certain point in my teenage life I considered taking my own life because of the severity of my disability.

My options were split between:

- 1) taking my own life
- 2) living with metal bar in my back

3) or "trying something else".

i chose to "try something else".

Unless you have an extremely trained eye as an osteopathic physician, the average person would not be able to ever tell that i had scoliosis. I can now do the splits, hang from one arm for considerable time, and now after nearly 8 years of constant work and study I can do more than 1 pullup *comfortably*. I am so grateful for the difficulty that it put me through, because thanks to my disability, I have had the honour of helping people with much greater disability than me. Those experiences has brought me much intrinsic success that no amount of money could ever replace it. If it was not for CBD and ALL of the other cannabinoids, especially the ones you can generate through parasympathetic breathin patterns, **i would not be alive**. I have so much gratitude for the deep relaxing and internally releasing abilities of cannabinoids upon the entire nervous system but especially with the fascial system that encapsules the entire body as a whole. Cannabinoids are endemic to the molecular backbone of all of human body and have well documented impacts on the homestatic effects upon the sympathetic and parasympathetic nervous system as a whole.

Cannabis at first brought my muscular spasms down to maybe 4 times per year, and would only occur because of strenuous physical labor. Now, the number is down to once per year thanks to: Yoga, mindfulness, the somatic arts, and personally being mentored by masters in osteopathy and world reknowned holistic docotrs. I can now not only entertain the conception of "living a life and actually do normal human things" but i can put it into practice. Fast forward to today, I now also consult and design regenerative landscaping for clients in a variety of contexts. When i actually have any free time i very much enjoy moving large amounts of the earth and planting trees and helping establish and maintain the projects of the many strong people i know on this island who I happily pour my blood, sweat, and tears into. I am not just a "theoretical guy sitting behind a computer doing consultations and drafting designs". my work is intimately rooted in empirical data, and i not only constantly practice what i preach, but seek to refine it in the process of mastering my craftsmanship, deliverly, and response**ability**.

Hemp is one of the most valuable crops we can grow not only for landscape remediation due to its hardienss and ability to produce gross amounts of organic matter; but so that every individual can excercise their freedom and jurisdiction to produce their own industrial hemp for personal and private use. This genus as a whole needs to continue to be desscilated in intesity; I am all for testing of purity and the regulation of **conccetrated amounts of purity specifically advertised to be such**. but "hemp extract" needs to be deemed ok aswell. We can even by CBD dog treats nowadays and they work great for firework impact. I have seen reports of industrial hemp crops being destroyed because of concentrations slightly above 0.3%. This needs to stop this, it is insane.

In addition to this, I am currently in pursuit of a higher education in the form of an engineering degree so that i can draft integrated designs for architecture hybridized with regenerative agriculture. I was raised in a family of many professional tradesman and have had my fair share of everything from stone masonry to large scale construction; I personally have already taken training in architectural drafting as well. An extremelly lucrative option for hemp by products is the creation of hemp crete. An insulating building material that is, among many other fantastic attributes, highly resistance to earthquake impact. Providing excellent energy saving properties which also locks CO2 from the atmosphere upon its creation. I highlight this to prove my point of deescalation of the intensity beared upon the genus and its use within our operating society as a whole. as before mentioned, the empirical field of hemp textiles really only ceased in recent history. There are innumerable uses to it as a whole. Deregulation with respects to its cultivation and use as a whole, outside of the use as a supplement needs to be implimented immediately. Further rigorous study is needed on the improvement of these easily implimentable "green technologies".

It is now our ethical and moral duty as individuals of sound mind and moral character that we speak consicely about matters innervated in scientific robusticity and ripe with possibilities for innovation. The possibilities and uses of this plant is ubiquitous. Although it is not a panacea, it is quite endowed with holistic potentials.

PA'A KA HONUA I NÄ€ KEIKI A KA PÄŒHÄ€HÄ€



**SB-2274**

Submitted on: 2/8/2020 11:39:08 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Gloria Flack-Boggs  | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 8:21:12 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Andy Takaaze        | Individual          | Oppose                    | No                        |

Comments:

CBD is not a controled substance nor does it qualify as one. CBD has been available to consumers forever with ZERO cases of misuse and/or need for any regulation. CBD is sourced from the hemp plant legally and sold legally. I oppose any government regulations on nature. When is it enough? How many more do nothing government committies/meetings/laws/taxes do you guys need? STOP!

**SB-2274**

Submitted on: 2/9/2020 10:00:18 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>       | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------|---------------------------|---------------------------|
| Shelly Johnson      | Testifying for Aloha Hemp | Oppose                    | No                        |

Comments:

I vote "No" on this bill. This bill will affect my family hemp farm business and this is our sole income. CBD has helped keep me clear of eczema for the past year after suffering my whole life. We have seen amazing results from so many dear friends and family from using CBD. Please do not pass this bill as it will affect our community in such a big way.

thank you,

Shelly

**SB-2274**

Submitted on: 2/9/2020 12:18:59 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Janice Morgan       | Individual          | Oppose                    | No                        |

Comments:

This bill is unfair to business owners and consumers in general!! CBD oil is extremely beneficial for many humans and animals!! It should NOT be taken out of stores and made not available to people that do not have a medical marijuana card!! This is strictly a GREED issue. I work in a Health Food store and have seen the results of the hemp oil helping many customers and their pets. I also use it for myself. Please STOP this bill from passing!!!!!!!!!!!!

Mahalo,

A VERY concerned resident and user

**SB-2274**

Submitted on: 2/9/2020 1:10:15 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Paul Gurrieri       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 1:27:49 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Frank Cash          | Individual          | Oppose                    | No                        |

Comments:

This Bill SB 2274 will require prescriptions for CBD, allow another regulatory of DOH to get involved in growing and harvesting (double regulation since DOA does that now), and limit retail sales of CBD, likely only through dispensaries. While we all agree in the industry should evolve to have packaging and safety standards. CBD and in its natural form poses no more a threat than the regular herbal extracts sold everywhere. IE St. Johns Wort has interactions with medications and so does grapefruit and extracts of grapefruit. .. So to remove the Hemp extracts whole and or in fractional infusions, and their natural constituents is a power move made only by the large players sitting outside the hard working farmers to make this program work. Those large companies such as ARCADIA BIOSCIENCE are not going to benefit the hard working farmers that are currently part of the State program, in fact they will underprice them and create unhealthy competition for those that were forced to start as small farms. Hawaii Senators House Representatives need to be mindful of this extremely valuable program and let us work our land here in Hawaii with the best intent of its use and products and viability in which we can help craft rules that aren't focused with intent of Dispensary selectees and outside public companies that are trying to take over this market space.

Hawaii's legislative Session began January 15th. All of the hemp bills are totally focused on transforming Hawaii's "Industrial" Hemp Pilot Program into Hawaii's "Pharmaceutical" Commercial Hemp Program to produce CBD. This means big profits for out-of-state newcomer corporations, with Hemp Pilot Programs, like:

ARCADIA BIOSCIENCE, (NASDAQ:RKDA), a California corporation

LEGACY VENTURES "Hawaii" - NV20191528515 - filed 07/30/19, a NEVADA corporation.

Vapen MJ Ventures (OTCQX:VAPNF; CSE: VAPN), a Canadian corporation

Archipelago Ventures (Foreign Limited Liability Company LLC), a Delaware Corporation.

Listen to former MONSANTO exec, and Arcadia Biosciences Inc CEO Raj Ketkar “ambitious” plans for Hawaii, already assuming that Hawaii will change the CBD laws, and let them export CBD, and their profits, to their international investors.

Is that what the 8 Hawaii Senators that sponsored these Bills want? Publically held corporations and shell corporations, whom have only thier shareholders to satisfy, riding the backs of the small struggling farmers that whole heartedly make this program work?

This bill must die on on this second reading in comments.

**SB-2274**

Submitted on: 2/9/2020 1:45:11 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Topher Jacob        | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill.



**SB-2274**

Submitted on: 2/9/2020 2:25:33 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Mike Ruggles        | Individual          | Oppose                    | No                        |

Comments:

Aloha kakou,

My name is Mike Ruggles. I am a cannabis expert, a long-time medical cannabis patient advocate, a friend for justice and now a candidate for Mayor, of Hawaii County. I have had multiple opportunities to independently consult licensed farmers participating in Hawaii's Industrial Hemp Research Pilot Program. I strongly oppose the passage of SB 2274. The passage of this bill goes against the Federal Agricultural Improvement Act of 2018, it would impede the distribution of Hawaii grown hemp and quite frankly is racketeering. This bill would financially benefit a few, namely the Dispensaries, to the detriment of the rest of our community. By letting more than just the dispensaries grow hemp, it will increase the local economy. In contrast, dispensary money leaves the state, never to be seen again. SB 2274 is Dispensary-centric and should not pass. Mahalo for your time and consideration.

Sincerely,

Mike Ruggles

**SB-2274**

Submitted on: 2/9/2020 2:31:31 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| lepeka              | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 1:25:35 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>     | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-------------------------|---------------------|---------------------------|---------------------------|
| Jaliese Ancheta Demello | Individual          | Oppose                    | No                        |

Comments:

I oppose of this my reason is if this happens we wont have access to cbd oil and it helps in so many ways with pain or arthritis instead of taking pills or medicationthe oil has helped so much. My nephew has ADHD and we give him a few drops when hes too hyper it calms him down instead of him taking pills which (mind you its hard to get him to take ) , my sisters husband just got back from deployment and cbd gummies has helped him calm down. Their are so many good it does for people. Once you put i dispensary the benefits are gonna be harder for people to get unless you have a card. Which is ridiculous. Its natural use. I believe it should be sold in stores too. It is not a drug. There benefits for it.

Should be concentrating on more important things then a natural oil.

Aloha jaliese

**SB-2274**

Submitted on: 2/9/2020 2:37:06 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Joan Heartfield PhD | Individual          | Oppose                    | No                        |

Comments:

This bill is a very bad bill. It is being lobbied by a GMO seed company on Molokai. It is not a bill for the people, but instead, it is for the large GMO corporations that want to bury the small farmer and take away local control and choice. We want to support our local farmers, and this would make it impossible for our local hemp farmers to make money.

This bill would make it illegal for small businesses and retail stores to make and sell CBD hemp products. That would mean that only a dispensary would be able to sell CBD, and each Hawaii citizen would have to get a 329 medical cannabis card to be able to get any CBD locally. This is unfair to local small business and CBD hemp growers that are putting out organic, good quality CBD oils and products.

Local CBD companies, shops, spas could not sell their products. All brands would disappear, leading to a monopoly, and this lack of competition leading to higher prices. Consumers would likely turn to the internet, buying products that could be unsafe.

If you care about small and local business, this bill makes no sense. It only supports Big Ag and GMO companies. Please vote a resounding NO on this bill.

**SB-2274**

Submitted on: 2/9/2020 2:46:39 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Brent Neal          | Individual          | Oppose                    | No                        |

Comments:

Aloha kakou,

My name is Brent Neal. I am a hemp expert, farmer/rancher and research assistant for a licensee participating in Hawaii's Industrial Hemp Research Pilot Program. I strongly oppose the passage of SB 2274. I believe the passage of this bill would be bad for the agricultural industry in Hawaii, would go against the intent of the Federal Agricultural Improvement Act of 2018, and would over regulate and obstruct the distribution of Hawaii grown hemp. SB 2274 would financially benefit the Dispensaries to the detriment of the rest of the community and should not pass. Mahalo for your time and attention to this important matter.

Sincerely,

Brent Neal

**SB-2274**

Submitted on: 2/9/2020 4:19:42 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Tara Sellars        | Individual          | Oppose                    | No                        |

Comments:

I'm strongly against this bill...Hemp derived CBD should be available to the public, it is Federally separated & not the same as high THC Cannabis derived CBD & therefore should NOT be regulated by the Medical Marijuana Dispensaries (since the latter is what they sell)...The dispensaries seem to care more about eliminating the competition & driving prices up to their own doorsteps, instead of the well being of the people of Hawaii. Thank you for your time & understanding on this matter.

**SB-2274**

Submitted on: 2/9/2020 5:46:39 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Diane Kanealii      | Individual          | Oppose                    | No                        |

Comments:

CBD should NOT be regulated under the Medical Marijuana regulations. It is made from a variety of Hemp but NOT the same thing. CBD does NOT have THC content and has been proven to help with pain and overall health.

Over Regulation can kill viable economic opportunities for Hawaii, we MUST diversify our industries to include products that can help reduce the need for other Pharmaceuticals that can be much more harmful with long term use.

**SB-2274**

Submitted on: 2/9/2020 8:25:22 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Brittney Gurrieri   | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/9/2020 10:31:47 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Andrew Crossland    | Individual          | Oppose                    | No                        |

Comments:

Overregulation of Hemp and CBD products is unjust.

**SB-2274**

Submitted on: 2/9/2020 10:40:13 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Christian           | Individual          | Oppose                    | No                        |

Comments:

Please do not make CBD only avail from a dispensary. This will affect patients ability to access and prove fixing.

**SB-2274**

Submitted on: 2/9/2020 10:47:15 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Marcia Eovino       | Individual          | Oppose                    | No                        |

Comments:

I oppose SB 2274. I believe Hawaii farmers and the Department of Health should be supported.

**SB-2274**

Submitted on: 2/9/2020 10:12:16 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Me                  | Individual          | Oppose                    | No                        |

Comments:

Hawaii has eight dispensaries, ALL of them have shortage issues. Many patients rely on the acquisition of safe CBD to help with symptoms. Currently, there are several safe options available to our patients from reliable, lab tested and nationally vetted brands. This legislation is short-sighted and shows preference to our dispensaries who already have a monopoly in our state.

**SB-2274**

Submitted on: 2/10/2020 12:04:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Treva Cannady       | Individual          | Oppose                    | No                        |

Comments:

As an individual who meets at least 7 of the criteria to carry a 329 card, I would like to this opportunity to oppose the current bill SB2274 limiting the sale of CBD to dispensaries only. Moving forward with this bill would create a substantial monopoly for the 7 dispensaries Tjroughout the state and drive up costs for those already unfortunate enough to need to use this product. Hawaii in itself is a costly state to live and quite frankly it is not the rich that is in need of this product, but the hard working middle to lower class citizens of this beautiful state. While I can see how this may affect the quality of CBD out there, I think time would be better spent to focus on working with the FDA to put better regulations on the quality of CBD out there versus limiting the accessibility of the product. Transportation for only 7 dispensaries through out the state would make this even more challenging for those individuals trying to obtain this product which could also affect their overall cost. CBD works, why not let it work for the people by giving access to the product on a grander scale. Conversely, the local hemp farmers would also be at risk as sales of CBD being limited to the 7 dispensaries would not be enough to sustain their farms. I strongly oppose this bill as I cannot see how it will best benefit the people of Hawaii and the farmers of this wonderful product.

**SB-2274**

Submitted on: 2/10/2020 12:05:29 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Veronica M Lanier   | Individual          | Oppose                    | No                        |

Comments:

As a user of CBD and a 329 card holder, it has and continues to be important that those not possessing a 329 card still have access to the proven health benefits of CBD. I started using CBD prior to getting my 329 card and it helped me tremendously in so many ways. I do not see withholding this powerful remedy as a benefit to anyone. As a medical professional, I stand behind CBD - for myself, for my pets, for my friends and family. Everyone deserves the right to have access to CBD like any other supplement.

**SB-2274**

Submitted on: 2/10/2020 4:52:03 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Jill Barnattan      | Individual          | Oppose                    | No                        |

Comments:

Hello,

Although I agree with some parts of this bill. I am absolutely against several of the prohibitions related to commercially sold hemp products including the following....

- Unless approved by the department or sold with and through a physician or advanced practice registered nurse recommendation
- Manufactured, distributed, or sold as a cosmetic
- Added to cosmetics
- Marketed or sold as a dietary supplement

It is absolutely ludicrous to put such restrictions for use on a true hemp based product!

I believe these products should be able to be sold as both dietary supplements and ingredients in cosmetic products. I also firmly believe that hemp products do NOT need physician or advanced practice registered nurse recommendations for use. Cosmetics and supplements containing hemp derived CBD should be sold on the open market.

Thank you.

**SB-2274**

Submitted on: 2/10/2020 5:29:22 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dustin K Paradis    | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/9/2020 10:58:22 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Ashlie McGuire      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 6:26:23 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| yelda a             | Individual          | Oppose                    | No                        |

## Comments:

CBD is so beneficial to for a multitude of reasons that limiting its sales will be detrimental in the long run to people who cannot access it in dispensaries. I use it for my anxiety and pain without having to depend on prescriptions. Please don't limit access.

**SB-2274**

Submitted on: 2/10/2020 6:29:30 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Michelle Sampoang   | Individual          | Oppose                    | No                        |

Comments:

I oppose Bill SB2274. CBD should be available to any person wanting to use it or try a new healing method. CBD gives a more natural option for patients, and even helps with side effects of prescription drugs. The companies selling CBD not in dispensaries are well educated and passionate in CBD and it's effects. These companies, many local, should not have to lose their business.

**SB-2274**

Submitted on: 2/10/2020 6:23:34 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Ric Wirick          | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill because CBD hemp should be classified as a natural medicine and not a corporate farm commodity. In addition, genetic modification (GM) and/ or genetic engineering (GE) of CBD hemp will add an even greater risk and threat to public health and welfare.

Oppose this bill -- do NOT put corporate profits over public safety and welfare!

Frederic Wirick

**SB-2274**

Submitted on: 2/10/2020 6:55:44 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Anne Wheelock       | Individual          | Oppose                    | No                        |

Comments:

Please vote NO on SB2274. There is no need to restrict sales of CBD to medical cannabis dispensaries. CBD has no psychoactive properties and provides many people with relief from medical ailments. Restricting CBD to the dispensaries will require people to get through barriers such as an appointment with a MD/APRN to get their medical cannabis certification and then to register with the DOH. This is time-consuming, increases the cost to the public, and many people will lose their access to CBD because they don't want to be associated with the medical cannabis community.

Again, vote NO on SB2274

Sincerely,

Anne Wheelock, R.Ph., M.S.

**SB-2274**

Submitted on: 2/10/2020 7:07:16 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dan Goodfellow      | Individual          | Oppose                    | No                        |

Comments:

Allowing retail sales of CBD products makes sense to me. Many people in Hawaii are currently purchasing CBD products through their trusted retailers, whose reputation requires screening of their suppliers, or consumers move on. In addition, they will go back to ordering from the internet due to requirements of medical cards and higher prices.

I personally have found 2 CBD products that relieve me of muscle pain instead of ibuprofen, which is terrible for your body. I do not want to get a "marijuana" card in order to purchase this product, I don't use marijuana.

Please consider a no vote on this bill, and work on one that is in favor of the community as a whole, not just the dispensaries. Thank you,

**SB-2274**

Submitted on: 2/10/2020 7:12:42 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Sara Steiner        | Individual          | Oppose                    | No                        |

Comments:

Dear Senators Baker, Chang, Gabbard and Ruderman,

I strongly oppose this bill.

This bill is over-regulation and re-criminalizing hemp JUST WHEN HEMP WAS LEGALIZED BY THE FEDS. WITH THIS BILL, THE STATE OF HAWAII MAKES A COMPLETE MESS OF THE OPPORTUNITY FOR TRUE HEMP LEGALIZATION AND WILL KILL A TRUE AND EFFECTIVE HEMP INDUSTRY.

This ridiculous over-bureaucratic bill is looking exactly like Hawaii's medical cannabis laws - which is actually the State of Hawaii racketeering a controlled substance by creating and enforcing a state monopoly which only is available and/or affordable to the most wealth and therefore does not benefit Hawaii residents trying to participate in the program.

You have a chance to do this right, there is a better bill, SB2050, which hasn't gotten so convoluted yet, trash this and support that.

Mahalo,

Sara Steiner

pahoatoday@gmail.com

**SB-2274**

Submitted on: 2/10/2020 7:15:06 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lisa Levang         | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/10/2020 6:44:35 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Barbara Best        | Individual          | Oppose                    | No                        |

Comments:

I support Hawaii Farmers Union United and their testimony on this bill. Hemp has so much potential in our state, from soil remediation to creating industries in clothing, food, building materials, etc. that it would be a shame to hamper hemp farmers, who claim this bill would put them out of business.

Mahalo

**baker8 - Jessica**

---

**From:** U'i Powers <desertginger@hotmail.com>  
**Sent:** Sunday, February 9, 2020 9:10 PM  
**To:** CPH Testimony  
**Subject:** SB 2274 Vote NO

Your Web site won't let me in. I am voting NO on SB2274

Marilyn Powers  
200 Hina Ave  
Kahului, HI 96732

desertginger@hotmail.com

Please verify receipt.. thank you

Sent from [Mail](#) for Windows 10

**SB-2274**

Submitted on: 2/10/2020 8:31:52 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lopaka              | Individual          | Oppose                    | No                        |

Comments:

NO!

**SB-2274**

Submitted on: 2/10/2020 8:33:07 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>  | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|----------------------|---------------------|---------------------------|---------------------------|
| Elizabeth Winternitz | Individual          | Oppose                    | No                        |

Comments:

As a senior citizen and lifelong resident of Hawaii -- and a medical cannabis consumer -  
- I oppose this bill for the following reasons:

it's anti-science. Even a brief survey of peer-reviewed literature demonstrates unequivocally the health benefits of CBD. CBD, because of its very low THC content, does not get people "high."

It's anti-health: it will make access to safe, locally-grown plant-based meds difficult, forcing consumers to the black market or to rely exclusively on pharmaceuticals, which invariably have side effects, some quite serious.

It's anti farmer and anti local entrepreneurship -- please do everything you can to support local farmers and businesses! We need them!

**SB-2274**

Submitted on: 2/10/2020 8:36:17 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| jadyn milam         | Individual          | Oppose                    | No                        |

Comments:

Although I agree with wanting to ensure that all hemp products are coming from certified growers, but while you are doing so you are also denying people their rights to natural and holistic healing. In turn you are again promoting western medicine by making people see a doctor before being prescribed with a plant that is completely natural and safe.

**SB-2274**

Submitted on: 2/10/2020 9:03:00 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Tanya               | Individual          | Oppose                    | No                        |

Comments:

CBD helps to alleviate pain, helps people relax and sleep. This product is a lot safer than some of the legal pharmaceutical drugs and should remain available for public use. Please squash this bill.....for the people.

**SB-2274**

Submitted on: 2/10/2020 9:19:25 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| larry kiyohiro      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 10:07:48 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Karen Reid          | Individual          | Oppose                    | No                        |

Comments:

Aloha,

I strongly urge you to oppose Senate Bill 2274 on behalf of hemp farmers and those who use hemp. SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market.

Mahalo,

Karen Reid



**SB-2274**

Submitted on: 2/10/2020 10:28:38 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| maria               | Individual          | Oppose                    | No                        |

Comments:

I highly oppose this!! This will have such a devastating impact on the lives of so many people in Hawaii. Also, keep in mind that this Will drive people to purchase online and take business away from Hawaii all together, regardless of what organization has the monopoly on CBD/Hemp in Hawaii.

**SB-2274**

Submitted on: 2/10/2020 10:28:24 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Frances             | Individual          | Oppose                    | No                        |

Comments:

CBD has no THC and should be available to the Public without limiting product to the Dispensaries. I highly Recommend that this Measure be Tabled or Deferred.

**SB-2274**

Submitted on: 2/10/2020 10:44:22 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Elmer Domingo       | Individual          | Oppose                    | No                        |

Comments:

I feel that restrictions like this to the common user is not beneficial. If i had easier use of the product my daughter would had been alive today. Because of prescribed medication it was more harmful for her during her heart conditon with she had passed away from. Please consider not to infringe a common use product to only a selected few. It should not hinder anyone to access a product that is helpfull fo the community.

**SB-2274**

Submitted on: 2/10/2020 11:42:50 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Boris Sztorch       | Individual          | Oppose                    | No                        |

Comments:

On behalf of the many senior citizens in Hawaii who suffer from debilitating neck, back, muscle and joint pain as I have for many years. Why is the Hawaii Legislature supporting unnecessary restrictions on our ability to acquire CBD-infused medications. Requiring seniors with limited financial resources to first obtain a 329 Medical Cannabis card so that can purchase CBD ointments, cremes and oils is expensive and inconvenient.. It is not smoke and is not dangerous. This year I paid over \$300 for a 329 card (2 years) which is a lot of money from my budget. Why require seniors to spend extra money and jump through extra hoops just to receive the benefits of CBD medicines. It doesn't make sense for a progressive state like Hawaii with its many seniors to limit access to these meds. Is it to raise money for government? This is sad. Please vote no on this bill that restricts access to how and where CDB products can be purchased. Thank you for your consideration.

Boris Sztorch

**SB-2274**

Submitted on: 2/10/2020 2:32:02 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

**LATE**

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Sierra Callihan     | Individual          | Oppose                    | No                        |

Comments:

**LATE**

**SB-2274**

Submitted on: 2/10/2020 2:34:11 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By  | Organization | Testifier Position | Present at Hearing |
|---------------|--------------|--------------------|--------------------|
| Ansera Dupree | Individual   | Comments           | No                 |

Comments:

Ansera Dupree

Anserajr88@gmail.com

My Testimony on S.B. NO.2274

I would first like to begin with a greatful thanks to the Legislator for the ability to keep my personal informoration private allowing to myself to express my athuority to S.B. NO.2274 and as follows I will only provide their contact information ( messages@squaremktg.com, maliecannabisclinichi@gmail.com ) for providing me with the detailed Newsletters. As well as

Sen Rosalyn Baker – Chair of Senate Committee

on Commerce, Consumer Protection & Health

[senbaker@capitol.hawaii.gov](mailto:senbaker@capitol.hawaii.gov)

S.B. NO.2274 Is nearly perfect. I read over the S.B. NO.2274 and feel there are some major factors that will lead to several civil cause in justice. As proof i would like to reffer to "copy n' paste' ("**§141-36 Growing of industrial hemp; licensee responsibilities.**)

**This section informs the consumer that they can faced with prosecution under** Public Law 115-334. This section also informs the consumer of

Section 141-38, Hawaii Revised Statutes, is amended to read as follows:

("(**§141-38**) Violations)

Another postive outlook for S.B. NO.2274 is that it informs the consumer of

Section 329D-9, Hawaii Revised Statutes, is amended to read as follows:

**("[§329D-9] Manufacturing of medical cannabis products)**

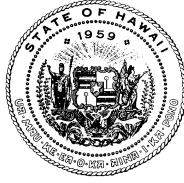
**Allowing the consumer to understand that S.B NO.2274 is ment for medical use and reaserach only.**

**S.B. NO.2274 does not inform the consumer nor leads the consumer to believe in this to captialize for Recreational use.**

**S.B. NO.2274 does not inform the consumer of the ability to request additional records of research for recreational use.**

**S.B. NO.2274 does not inform the consumer of any liberal acts of recreational use.**

**This proves that S.B. NO.2274 is only nearly perfect and completly visiable to unfair private use.**



**STATE OF HAWAII**  
**DEPARTMENT OF HEALTH**  
P. O. Box 3378  
Honolulu, HI 96801-3378  
doh.testimony@doh.hawaii.gov

**Testimony COMMENTING on SB 2274**  
**RELATING TO HEALTH**

SENATOR ROSALYN H. BAKER, CHAIR  
SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION, AND HEALTH

SENATOR MIKE GABBARD, CHAIR  
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT  
Hearing Date: 2/11/2020 Room Number: 229

1 **Fiscal Implications:** This measure may impact the priorities identified in the Governor's  
2 Executive Budget Request for the Department of Health's (Department) appropriations and  
3 personnel priorities.

4 **Department Testimony:** The Department has major concerns with this measure especially with  
5 the implication that cannabidiol (CBD) would be considered a medication and how the measure  
6 will affect the Department's medical cannabis dispensaries (page 3, line 1 of this testimony). We  
7 offer the following comments and suggestions.

8 The Department has concerns over the proposed labeling language that would require all CBD  
9 products be labeled as medications. Labeling a product as a medication, in HRS 328, could  
10 create confusion and possible conflict with other parts of HRS 328 that regulate drugs that have  
11 been approved by U.S. Food and Drug Administration (FDA) as **safe and effective** to treat a  
12 medical condition. Except for FDA-approved, prescription only drug Epidiolex™, all other  
13 hemp-derived products containing CBD are not approved drugs. The Department is concerned  
14 labeling CBD products as a medication will mislead the public into falsely believing data from  
15 human clinical trials has been evaluated by FDA or the Department, and these products have  
16 been determined safe and effective to treat any number of medical conditions.



1 Department would also like to note that the bill, as written, would appear to only regulate hemp  
2 products containing CBD. The market is currently evolving and shifting focus to products that  
3 do not include CBD, but rather other cannabinoids, like CBG and CBN. It has been reported that  
4 over one hundred cannabinoids can be present in the hemp plant. Industry is moving quickly to  
5 identify the unique qualities these cannabinoids might have and how to bring them to market.  
6 The Department recommends any language seeking to better regulate hemp derived products,  
7 and how they may be made accessible to the consumer, not be restricted to products that only  
8 contain the cannabinoid CBD.

9 Department agrees with much of the intent of this measure and is looking forward to working  
10 with all stakeholders on developing an efficient regulatory framework that addresses processing  
11 of hemp plants into hemp products for sale in Hawaii. To that end, we respectfully recommend  
12 the committee consider the rule making authorities given to DOH over hemp processing via bill  
13 SB2834. The intent of the measure is to require hemp processors in the State to register with the  
14 Department before they can extract or otherwise process legally grown hemp plant into a hemp  
15 product.

16 We believe the language offered in SB2834 regarding DOH oversight of hemp processing will  
17 allow for local growers to have their hemp processed into many products that are widely  
18 available on the market today as either a hemp supplement for oral consumption or as a hemp-  
19 based cosmetic, but expressly prohibits hemp derivatives from being allowed in food as well as  
20 excluding living hemp plants, viable seeds, leaf materials, or floral materials from being defined  
21 as a hemp product in the State. SB2834 would also allow for the sale of out of state hemp  
22 supplements or hemp-based cosmetics provided they demonstrate compliance with lab testing  
23 requirements for contaminants and content. Interim rulemaking authority would include, but not  
24 be limited to, establishing current good manufacturing practice (cGMP) standards, laboratory  
25 testing requirements conducted by labs certified by the State, and proper labeling of hemp  
26 derived products manufactured and/or sold in Hawaii.

1 This measure also proposes to amend chapter 329 to allow medical cannabis dispensaries  
2 licensed to "use cannabidiol and cannabidiol products derived from a licensed industrial hemp  
3 producer ". The Department has concerns that this amendment will increase risks to public,  
4 product, and patient safety and increase the regulatory burden of the dispensary licensing system.

5 (1) **Inability to track hemp flower within the dispensary system poses a public safety**  
6 **risk.** This amendment would allow hemp flower to enter the licensed dispensary system  
7 with no tracking requirement. By contrast, to prevent diversion, cannabis flower is  
8 subject to strict inventory tracking requirements under chapter 329D, HRS. Because  
9 hemp flower is visually indistinguishable from cannabis flower, allowing hemp flower  
10 into the dispensary system with no tracking requirement would significantly complicate  
11 efforts to maintain strict monitoring of cannabis flower inventory risking diversion and  
12 endangering public safety.

13 (2) **Lack of control over manufactured product ingredients poses a patient safety risk.**  
14 This amendment would allow an unlimited array of hemp-derived cannabinoids, extracts,  
15 or derivatives to be used in the manufacturing of medical cannabis products or be  
16 distributed or sold by licensed dispensaries. These items could contain excipients such as  
17 coloring agents, flavorings, preservatives, and fillers which may not be appropriate for  
18 incorporation into manufactured medical cannabis products, thereby jeopardizing product  
19 and patient safety. As evidenced by the recent national outbreak of vaping-related  
20 illnesses and deaths, a single ingredient can result in substantial morbidity and mortality.

21 (3) **Increased regulatory burden will require additional personnel resources.** This  
22 amendment will add to the already extensive regulatory burden of the dispensary  
23 licensing section which has only two inspectors monitoring every aspect of operations in  
24 the growing number of production and retail facilities. Additional personnel will be  
25 needed to maintain oversight to ensure patient, product, and public safety.

26 Thank you for the opportunity to testify on this measure.



1050 Bishop St. PMB 235 | Honolulu, HI 96813  
P: 808-533-1292 | e: info@hawaiiifood.com

#### **Executive Officers**

**Joe Carter**, Coca-Cola Bottling of Hawaii, *Chair*  
**Charlie Gustafson**, Tamura Super Market, *Vice Chair*  
**Eddie Asato**, The Pint Size Corp., *Secretary/Treas.*  
**Lauren Zirbel**, HFIA, *Executive Director*  
**John Schlif**, Rainbow Sales and Marketing, *Advisor*  
**Stan Brown**, Acosta Sales & Marketing, *Advisor*  
**Paul Kosasa**, ABC Stores, *Advisor*  
**Derek Kurisu**, KTA Superstores, *Advisor*  
**Beau Oshiro**, C&S Wholesale Grocers, *Advisor*  
**Toby Taniguchi**, KTA Superstores, *Advisor*

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**TO:**

Committee on Commerce, Consumer Protection, and Health and Committee on Agriculture and Environment

Senator Rosalyn H. Baker and Senator Mike Gabbard, Chairs

Senator Stanley Chang and Senator Russell E. Ruderman, Vice Chairs

**FROM: HAWAII FOOD INDUSTRY ASSOCIATION**

Lauren Zirbel, Executive Director

**DATE:** February 11, 2020

**TIME:** 8:30am

**PLACE:** Conference Room 229

**RE: SB2274 Relating to Health**

Position: Support

The Hawaii Food Industry Association is comprised of two hundred member companies representing retailers, suppliers, producers, and distributors of food and beverage related products in the State of Hawaii.

HFIA is in support of creating clear and consistent regulation of cannabidiol products. As noted in the measure there is a lot of misinformation about these products, which is causing confusion among consumers about the legal status and health and wellness value of cannabidiol products. Currently businesses that adhere to the FDA's guidelines are at a commercial disadvantage compared to the many businesses that continue to sell these unregulated products. We support a framework that will create a level playing field and allow consumers to make informed decisions about these products. We thank you for the opportunity to testify.



P.O. Box 99  
Wailuku, HI 96793-0099  
(808) 800-3974

Vincent Mina  
State President

Anabella Bruch  
Vice-President  
Kauai

Annie M. Alvarado  
Treasurer  
Maui

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Kona, Hawai'i

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Weinert, Jr.  
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Matthew Drayber  
K'au, Hawaii

Anabella Bruch  
Kauai

Dash Kuhr  
Kohola, Hawai'i

Maureen Datta  
Kona, Hawai'i

Kaipō Kekona  
Lahaina, Maui

Robert (Bobby)  
Pahia Mauna  
Kahalawai, Maui

Brynn Foster  
North Shore, Oahu

Steve Lund  
Puna, Hawai'i

Christian  
Zuckerman  
Wai'anae, Oahu

Vincent Kimura  
Waimanalo, Oahu

February 7, 2020

RE: Strongly OPPOSE SB 2274 relating to hemp

Dear Honorable Senators,

The Hawaii Farmers Union United (HFUU) has 2,600+ members and subscribers across the state.

HFUU is strongly opposed to SB 2274 because it creates excessive regulation for Hawaii's hemp farmers while essentially eliminating their ability to participate in the lucrative cannabinoid market.

HFUU farmers were instrumental in organizing support to ensure the passage of Hawaii's legislation establishing the pilot hemp program. Our farmers have invested millions of dollars in the last two years to establish a Hawaii hemp market.

**According to our member hemp farmers, this bill will put them out of business.**

There are other bills introduced this session that incorporate the rational aspects of SB 2274. Hawaii can wait to see what the FDA legislation is regarding cannabinoids, which is what most other states are doing.

We urge you to **oppose** this bill and let it die in committee.

Thank you for your work and time to ensure a viable hemp industry for Hawaii's hemp farmers.

Sincerely,

Vincent Mina, President

HAWAII FARMERS UNION UNITED

**SB-2274**

Submitted on: 2/7/2020 12:02:34 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                            | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------------------|---------------------------|---------------------------|
| Harriet Witt        | Testifying for Hawaii Farmers Union United - Haleakala Chapter | Oppose                    | No                        |

Comments:

Our dangerous dependence on the mainland for food means that we need to grow food locally. The many uses of hemp make this necessary to local food production. The proposed restrictions on hemp will undermine our efforts to be food-sovereign. Please do not pass this bill.



www.hawaiihempfarmersassociation.org  
info@hawaiihempfarmersassociation.org

February 8, 2020

RE: SB 2274 Strongly OPPOSE

Dear Honorable Committee Members,

The Hawaii Hemp Farmers Association (HHFA) strongly ***OPPOSES*** SB2274.

Every hemp farmer we have polled stated emphatically that the mechanisms set up by SB2274 would destroy their businesses. Our farmers have invested millions of dollars in the last three years to establish a Hawaii hemp industry. This bill pulls the rug out from under our farmers.

There are other bills introduced this session that incorporate the rational aspects of SB 2274 that are needed for Hawaii's hemp and canninbinoid (CBD) industry.

Farmers protect public health every day. We support labeling and testing requirements but this bill and the regulatory framework it proposes exceed what any other state has done or is proposing. SB2274 is an anti-farmer bill.

Counter to the spirit and letter of the law of the 2018 USDA Farm Bill, SB 2274 equates hemp to medical marijuana (MMJ). With SB 2274, the only sales portal for the delivery of compliant hemp products to the Hawaii customer would be through the MMJ dispensary system. To access this legal herbal extract, you will need a MMJ license. The potential pool of customers across the state is therefore limited by geographical isolation even on the best day.

Additionally, the dispensaries will have no economic incentive to purchase an individual farmer's added value product since they monopolize the monetization route. They will process and create their own products, and if they do need to buy flower biomass, they will set the price for the limited amounts of biomass they will require.

The FDA guidance regarding CBD use has not yet been offered. Setting limitations on the industry before final FDA guidance, will set the Hawaii hemp industry significantly behind if not destroy it.

We will remind the committee that the governors veto of the Hemp Bill last year has meant that we couldn't even move biomass intra state, while out of state hemp flowed freely. This cost the industry and the State millions last year.

The Hawaii Hemp Farmers Association urges this committee, the Legislature, and the agencies to look at the hemp legislation before you this year in a fresh perspective. States like Colorado and Oregon that have been successful in building a hemp industry in their state, have decided to coordinate their policy and administration of their programs to achieve success for their farmers and added value processors. Rational and reasonable approaches to managing the concerns of monitoring control of minuscule amounts of THC were put into effect. Years of experience has shown that success in the field can be achieved, taxable income spread vertically and laterally throughout the economy, and many agricultural jobs were created.

Many hemp products have been created and underwent the battery of tests that medical marijuana must pass. Hemp extract products have served millions of U.S. customers without widespread reports indicating that a public health emergency was imminent or needed to be anticipated through over necessary regulation or prohibition. These states enjoyed a robust infusion of investment in field production and subsidiary services, and this crop was a top ten crop in its first year.

The Hawaii Agricultural Industry needs the benefits that a successful hemp program would bring to our state. Bills like SB 2274 will literally kill the industry before it really had an opportunity to begin. We urge this committee to reject SB2274 now.

We urge you to oppose this bill and let it die now.

Respectfully Submitted,

A handwritten signature in black ink that reads "Ray Maki". The signature is written in a cursive, slightly slanted style.

Ray Maki  
President  
Hawaii Hemp Farmers Association

**SB-2274**

Submitted on: 2/9/2020 10:42:00 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By | Organization                      | Testifier Position | Present at Hearing |
|--------------|-----------------------------------|--------------------|--------------------|
| Richard      | Testifying for Kokoiki Brands LLC | Oppose             | Yes                |

Comments:

February 9, 2020

Richard Bodien  
KOKOIKI BRANDS LLC.  
POB 198900  
Hawi, Hawaii 96719  
808 889 1282

RE: Opposition to SB 2274

Dear Honorable Senators,

I own several small businesses in Kohala on Hawaii Island. The State licenses me to sell liquor and tobacco products with known health and public safety risks that include mental impairment, overdose, abuse, violence, and death, because it wants the tax revenue.

I have been engaged in studying and selling CBD for over four years. In those four years I have never seen an example of mental impairment abuse, violence, or death associated CBD use. I have met a lot of homeless people and addicts and alcoholics, but I have never met one in this condition because of CBD use. What I have seen is people get off opiates, get some sleep, relieve their tired muscles, and treat their anxiety and depression without pharmaceuticals, synthetics, or illegal drugs.

I most recently created a company to process, package and market hemp flower. Here's the joke: my best hemp product is "Hawaiian Haze" grown in the Hudson Valley of New York.

I have some serious questions regarding SB 2274.

Is this about Public Safety? Or is this an effort to channel the CBD sales in Hawaii to established medical marijuana dispensary corporations?



If this is a public safety issue, then fine, let's see the stats and let's crack down. But if this is an effort to monopolize the sale of these products in Hawaii, it will fail dramatically, and simply push sales online. {*"Hmm, should I drive fifty miles or buy it on Amazon and have it delivered in two days?"*}

On the one hand, it may be completely harmless and helpful and we could allow everyone to grow hemp and create an industry to process it. This would be a very ecologically intelligent and sustainable choice. Or, it may be so dangerous that we should prevent everyone from doing anything with it. But why, under the guise of confusion and uncertainty, single out one type of producer and one distribution methodology as legitimate?

## **PEOPLE AND ANIMALS**

Our working and older populations live in pain, suffer great anxieties, and can't sleep. They want relief. They are not getting the relief they seek from pharmaceuticals and opiates. Do we want to deprive them of access to harmless products that provide effective relief and improve their overall well being?

Our pets and animals also suffer pain and anxiety, and they too benefit from access to CBD products. Are we going to force them, too, back to using pharmaceuticals and opiates and suffering their side effects.

Are we going to make people in rural areas drive inordinate distances to acquire pain relieving and health improving products? Is your elderly auntie or disabled uncle going to drive fifty to a hundred miles round trip to purchase these products at a marijuana dispensary?

Will this law protect consumers, or just make their lives more inconvenient, expensive, and miserable?

**PUBLIC HEALTH AND SAFETY: "The legislature also finds that despite efforts to educate the public about the risks of cannabidiol . . . "**

What are those risks? If CBD is as dangerous as this bill asserts, it must be too dangerous to sell anywhere

Is this an emergency? Has there ever been a single hemp or CBD overdose in the State of Hawaii?

Are the ERs crowded with cases of CBD poisoning?

Are there people on the streets homeless because of their CBD abuse? Have we seen an increase in Disorderly Conduct from hemp or CBD use?

Are there people swarming rehab because of CBD abuse? Are there people dying from CBD use? Are people getting addicted?

Are we going to stifle emergent health solutions that don't come with addiction or the side effects of synthetic "medicines"?

## **BUSINESS**

Does this bill advance the health and happiness of the state, or condense the market into the hands of already privileged corporations?

Was this bill written by Amazon? Do you really want to give more business to Amazon? Do we really want to drive CBD purchases in our state to online shops from the mainland? Is your auntie going to drive fifty miles round trip to go to a marijuana dispensary, or have it shipped?

Does Hawaii really want to once again throw away an opportunity for small farms and businesses to thrive?

Or could our state prosper from increased consumer interest in another branded Hawaiian specialty cash crop, similar to Kona coffee, and grown and crafted artisanally, instead of industrially?

Cannabis and hemp are already commodities throughout the world. Does Hawaii want to give what opportunity is left here to the few monied interests controlling local dispensaries?

Does the failure of the Canadian and California models of regulation, and the implosion of hemp prices nationally, provide any indication of the quality and price problems that regulation creates?

—

I strongly oppose SB 2274 because it creates excessive and unnecessary regulation for the sole purpose of monopolizing the industry into the hands of marijuana dispensaries. This bill will essentially destroy CBD usage, small hemp farmers, and those small businesses who have invested in this market.

The State of Hawaii should establish a free and open market for cannabinoid (CBD) products at all levels: farming, product development, distribution, and sales. Let our farmers grow, let's get some processors and producers rolling, and let our retailers bloom, or see this local opportunity wash away in a sea of online sales by national brands.

At this same time, we need to begin protecting our agricultural property. Only hemp that is grown in Hawaii should be used in products that use labels or marketing materials and strategies that use the words "Hawaiian hemp" or other place or Ahupuaa names in Hawaii, such as "Maui hemp", or references to Hawaiian culture such as "hula" in association with the word "hemp".

Please kill this bill now and let's move forward with a CBD market that will benefit all Hawaiians.

Respectfully submitted by,

*richard*

Richard Bodien

*richard@kokoikibrands.com*

**KOKOIKI BRANDS LLC**

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

**Hawaii Cigar & Ukulele**

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

**Mother's Cigar & Hemp Lounge**

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

**Hawi Nice Day Hemp Co.**

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

**CBD.CENTER**

[www.cbd.center](http://www.cbd.center)

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POB 198900 PMB 309  
Hawi, HI 96719  
808-889-1282



**SB-2274**

Submitted on: 2/7/2020 12:44:40 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|------------------------------------|---------------------------|---------------------------|
| JARED DALGAMOUNI    | Testifying for Hawaiian Choice CBD | Oppose                    | Yes                       |

Comments:

We strongly oppose this bill - as it will do enormous harm to Hawaii's CBD users and hemp farmers. This bill will require any user of CBD to obtain a 329 medical card and purchase only from a dispensary at a much higher price than the over the counter market is already providing products at - so obviously no one will do this - they simply will make purchases online from cheaper unregulated sources. We feel that this is a misguided attempt by the dispensaries to establish a monopoly on CBD sales without consideration that there are many out of state options available online which will attract customers to the blackmarket. It will also crush the Hawaii's hemp farmers and extractors, because presumably in line with the current 329 policy requiring vertical integration by the dispensaries - the dispensaries will have to grow it themselves, hence there will be no local market for the hemp farmer's products. We and the majority of the public strongly support SB2050 which is common sense and in line with the Hemp Industry recommendations, and other states which are moving forward with regulation.

**SB-2274**

Submitted on: 2/9/2020 6:07:36 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------|---------------------------|---------------------------|
| Debbie McMenemy     | Testifying for Lapa'au<br>Community<br>Acupuncture | Oppose                    | No                        |

Comments:

CBD's amazing healing properties need to be widely available, and the absence of THC in this product makes it safe for the public. Making zero THC CBD available only through dispensaries requiring a medical marijuana card is unnecessary, extreme oversight and mismanagement of this herb.

**SB-2274**

Submitted on: 2/8/2020 10:55:49 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                 | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-------------------------------------|---------------------------|---------------------------|
| Raymond J McGorry   | Testifying for Solvate Services LLC | Oppose                    | No                        |

Comments:

Aloha,

I would like to testify on behalf of myself and my Organization with regards to SB2274 – Industrial Hemp in the state of Hawaii and Cannabidiol. I believe that the bill has been not written in the best interest of the farmers, citizens and consumers in the state of Hawaii. As a scientist and farmer, I have a deep understanding of the plant and its potential uses in cosmetics, textiles, food and beverage, supplements and a wide range of other industrial applications. The installation of the bill discussed will limit access to a beneficial material to only those involved in the medical marijuana system. This will prevent most individuals whom benefit from this material from receiving it and only allow those few individuals who operate medical dispensaries from profiting from the sale of these products. Additionally, it will not be able to stop the import of CBD products from out-of state sources (internet sales cannot be restricted in any way) and will largely be ineffective against the illicit market.

As an Industrial Hemp license holder and cultivator, I have personally struggled with the contradictions and limitations that exist within the current Pilot Program framework. Under the current rules it is nearly impossible to operate a profitable business and leaves the farmer open to a tremendous amount of liability. The passing of this bill will not in any way support the local farmers and will be detrimental to the economic and physical health of the citizens in this state. It will also prevent most compliant growers from having the opportunity to partake in a market that is currently over-run by illicit producers. It is in the consumers and farmers best interest to oppose this bill and prevent its installation.

I urge you to oppose this bill and allow for this nascent industry to blossom and reinvigorate the agricultural industry and local communities of Hawaii.

Mahalo,

State of Hawaii Farmer





## PATIENTS WITHOUT TIME



~ helping cannabis patients in Hawaii since 2004.

Aloha lawmakers,

Please, OPPOSE this bill, SB2274

Cannabidiol is powerful medicine, with known side-effects, such as headaches, nausea, confusion, depression, and liver anomalies. CBD can worsen glaucoma, by increasing IO pressure, and has interactions with many common medications, which require warning labels.

Many unanswered questions and data gaps about CBD toxicity exist, and some of the available data raise serious concerns about potential harm from CBD. The revised [Consumer Update](#) outlines specific safety concerns related to CBD products, including potential liver injury, interactions with other drugs, drowsiness, diarrhea, and changes in mood. [US FDA NEWS RELEASE, Nov. 25, 2019.](#)

In addition, studies in animals have shown that CBD can interfere with the development and function of testes and sperm, decrease testosterone levels and impair sexual behavior in males. Questions also remain about cumulative use of CBD and about CBD's impacts on vulnerable populations such as children and pregnant or breastfeeding women. [US FDA NEWS RELEASE, Nov. 25, 2019.](#)

Under the FD&C Act, it is illegal to introduce into interstate commerce any human or animal food to which certain drug ingredients, such as CBD, have been added. In addition, the FDA is not aware of any basis to conclude that CBD is GRAS among qualified experts for its use in human or animal food. There also is no food additive regulation which authorizes the use of CBD as an ingredient in human



[PWTmaui.org](http://PWTmaui.org)

For more info email: [info@PWTmaui.org](mailto:info@PWTmaui.org)

food or animal food, and the agency is not aware of any other exemption from the food additive definition that would apply to CBD. CBD is therefore an unapproved food additive, and its use in human or animal food violates the FD&C Act for reasons that are independent of its status as a drug ingredient. <https://www.fda.gov/news-events/press-announcements/fda-warns-15-companies-illegally-selling-various-products-containing-cannabidiol-agency-details>

The FDA warns; “Companies are adding CBD to creams, oils, food and beverages. However, it’s currently illegal for companies to sell CBD-infused food and beverages across state lines **and to market any CBD products with health claims the FDA has not evaluated.**”

<https://www.cnn.com/2019/11/26/cbd-might-not-be-safe-despite-flood-of-products-fda-warns-consumers.html>

Penn Study Shows Nearly 70 Percent of Cannabidiol Extracts Sold Online Are Mislabeled. Mislabeling may lead to adverse effects for patients, including children with epilepsy, November 07, 2017.

<https://www.pennmedicine.org/news/news-releases/2017/november/penn-study-shows-nearly-70-percent-of-cannabidiol-extracts-sold-online-are-mislabeled>

Selling unapproved **products** with unsubstantiated therapeutic claims is not only a violation of the law, but also can put patients at risk, **as these products have not been proven to be safe or effective.** *US FDA, Nov 13, 2019.*

Hawaii’s medical cannabis dispensaries/patient/caregiver programs are the best vehicles to market cannabidiol products, if proper health warnings are provided.

**Mahalo,**

**Brian Murphy, Director**

**PATIENTS WITHOUT TIME**



February 7, 2020

Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Committee on Commerce, Consumer Protection, and Health

Senator Mike Gabbard, Chair  
Senator Russell Ruderman, Vice Chair  
Members of the Committee on Agriculture and Environment

Re: TESTIMONY IN SUPPORT OF **SB2274**

Aloha members of the Committee on Commerce, Consumer Protection, and Health and members of the Committee on Agriculture and Environment. Thank you for the opportunity to testify today to support Senate Bill 2274, which would mandate much-needed clarification, regulation, and safeguarding of all cannabidiol ("CBD") products in the State of Hawai'i.

As counsel for Hawai'i hemp and medical cannabis licensees, I am aware of an abundance of unregulated CBD products sold over-the-counter in various retail establishments throughout the State of Hawai'i. I support SB2274 because the current law is severely deficient to adequately and safely regulate the sale of CBD products, which affects not only legitimate businesses but more importantly, the public health.

One of my concerned clients recently commissioned a laboratory test of random over-the-counter CBD products found in the State of Hawai'i. The results validated my concerns. Of the three products tested: one contained four banned pesticides (imidacloprid, pyrethrins, chlorfenapyr, and piperonyl butoxide at nine times over the allowable threshold); one contained 0.376% THC, which is above the legal limit for hemp products; and the last product contained almost **zero** CBD -- essentially, an unknown substance but was labeled as CBD vaping oil. These products are, nonetheless, marketed as "legal" and accompanied by unfounded health claims.

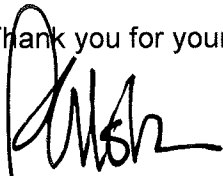
Under the current statutory framework, the State of Hawai'i Department of Health has sole authority to regulate all cannabis-derived products, which includes CBD and hemp-derived products. However, the DOH's responses to recent UIPA requests revealed that neither the Food and Drug Branch, the Sanitation Branch, nor the Medical Cannabis Dispensing & Licensing Program has ever collected or tested any over-the-counter CBD products sold by

retail establishments within the State. This lack of oversight of such potentially harmful and mislabeled products is alarming.

I discussed these issues with various statewide retailers. While some retailers acknowledged my concerns and voluntarily stopped the sale of CBD products, some refused by relying on the deficient statutes and the lack of regulatory oversight by the State. Meanwhile, the legitimate businesses who are licensed and selling properly labeled and tested CBD products to patients are unfairly disadvantaged.

I strongly urge the passage of SB2274, which clarifies the authority to regulate products containing cannabis and cannabis-derived products. More importantly, it establishes standards for laboratory testing and labeling of these products, to ensure that these products are tested for safety, purity, and potency. To protect the health of the general public, the need for SB2274 is imminent.

Thank you for your consideration.



Paul Alston

**SB-2274**

Submitted on: 2/9/2020 11:03:21 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>           | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-------------------------------|---------------------------|---------------------------|
| Lynn A McKinnie     | Testifying for LonoBotanicals | Oppose                    | No                        |

Comments:

Kill this bill, it is not good for everyone, only a few with ulterior motives and they don't play well with others.

February 8, 2020

To: Senator Rosalyn H. Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Senate Committee on Commerce, Consumer Protection, and Health

Senator Mike Gabbard, Chair  
Senator Russell E. Ruderman, Vice Chair  
Members of the Committee on Agriculture and Environment

Fr: Margaret Cole, Partner, Pan Pacific Ventures, LP

Re: TESTIMONY IN SUPPORT OF SB2274  
RELATING TO HEALTH

Pan Pacific Ventures, LP (PPV) is a partnership formed in Hawai'i in 1986 to invest in early stage enterprises on behalf of the Cole family. Over the past 34 years PPV has served as lead investor and often the principal manager for companies in multiple sectors, including organic agriculture, human nutrition, food processing, software development, health information systems and biotechnology.

On March 29, 2019, PPV was awarded license by the Hawai'i Department of Agriculture (HDOA) to grow hemp on up to 10 acres under the industrial hemp pilot program.

PPV **supports** SB2274, which would subject all products containing cannabidiol to rigorous regulation by the Hawai'i Department of Health and allow businesses with industrial hemp licenses issued by the HDOA to market quality-assured products derived from their hemp oleoresins.

As a state-licensed hemp producer dedicated to the production of quality-assured, hemp-derived medicinal products made in Hawai'i, PPV strongly supports the key provisions contained within SB2274, which would help to foster the development of an economically viable hemp industry in Hawai'i while *putting in place rigorous public health protections*.

Over the last few years, there has been an explosion in the availability of over-the-counter CBD products, to the point that they can now be found at just about any gas station convenience store in Hawai'i. Its widespread availability has undoubtedly led some consumers to believe that CBD is a perfectly safe substance to swallow, inhale, or apply to your skin. Yet on its CBD Consumer Advisory page<sup>1</sup>, the Food and Drug Administration cites numerous potential health risks

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<sup>1</sup> <https://www.fda.gov/consumers/consumer-updates/what-you-need-know-and-what-were-working-find-out-about-products-containing-cannabis-or-cannabis>

Pan Pacific Ventures, LP  
PO Box 1149  
Kula, HI 96790

associated with the consumption of CBD, including but not limited to liver toxicity<sup>2</sup>, drug-drug interactions<sup>3</sup>, and reproductive toxicity<sup>4</sup>. Furthermore, there have been numerous credible reports of mislabeled and contaminated CBD products.<sup>5</sup> By subjecting products containing CBD to strict regulatory oversight by the Hawai`i Department of Health, SB2274 will rightly ensure the public is properly educated about, and protected from, the potential negative health effects of unregulated and untested CBD products.

Current Hawai`i hemp law prohibits the movement of hemp resin or flowering tops from a licensed hemp grow area, thereby preventing hemp farmers from deriving any financial return from their hemp crops. SB would rightly fix this problem by allowing the movement of compliant resin or flowering tops to a licensed medical cannabis dispensary production center's approved manufacturing facility for processing into consumer products.

We note however, while SB2274 allows businesses with dispensary licenses issued under HRS 329D to serve as processors of industrial hemp oleoresin, the measure does not specify a process by which other entities may become licensed to process industrial hemp oleoresins. We urge your committee to consider adding a provision that would allow hemp licensees to obtain hemp processing licenses via a process administered by the Hawai`i Department of Health.

Respectfully,

Margaret Cole

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<sup>2</sup> ***Liver Injury:*** During its review of the marketing application for [Epidiolex](#) — a purified form of CBD that the FDA approved in 2018 for use in the treatment of two rare and severe seizure disorders — the FDA identified certain safety risks, including the potential for liver injury. This serious risk can be managed when an FDA-approved CBD drug product is taken under medical supervision, but it is less clear how it might be managed when CBD is used far more widely, without medical supervision, and not in accordance with FDA-approved labeling. Although this risk was increased when taken with other drugs that impact the liver, signs of liver injury were seen also in patients not on those drugs.'

<sup>3</sup> ***Drug Interactions:*** Information from studies of the FDA-approved CBD drug Epidiolex show that there is a risk of CBD impacting other medicines you take – or that other medicines you take could impact the dose of CBD that can safely be used. Taking CBD with other medications may increase or decrease the effects of the other medications. This may lead to an increased chance of adverse effects from, or decreased effectiveness of, the other medications.'

<sup>4</sup> ***Male Reproductive Toxicity:*** Studies in laboratory animals showed male reproductive toxicity, including in the male offspring of CBD-treated pregnant females. The changes seen include decrease in testicular size, inhibition of sperm growth and development, and decreased circulating testosterone, among others. Because these findings were only seen in animals, it is not yet clear what these findings mean for human patients and the impact it could have on men (or the male children of pregnant women) who take CBD. For instance, these findings raise the concern that CBD could negatively affect a man's fertility. Further testing and evaluation are needed to better understand this potential risk.'

<sup>5</sup>For Example, see:

[https://news.vcu.edu/article/Vape\\_CBD\\_The\\_eliquid\\_might\\_contain\\_some\\_unexpected\\_ingredients](https://news.vcu.edu/article/Vape_CBD_The_eliquid_might_contain_some_unexpected_ingredients)

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# U.S. Hemp Roundtable

502.319.2358 | 100 M Street, S.E., Suite 600, Washington, DC 20003 | [info@hempsupporter.com](mailto:info@hempsupporter.com)

February 9, 2020

Senator Rosalyn Baker, Chair  
Senate Committee on Consumer Protection and Health  
Senator Mike Gabbard, Vice Chair  
Senate Committee on Agriculture and Environment

Chair Baker, Chair Gabbard, and members of the joint committees,

Thank you for the opportunity to provide testimony in opposition to SB 2274 RELATING TO HEALTH. The measure would regulate cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act under chapter 328, Hawaii Revised Statutes, including mirroring certain provisions of the medical cannabis dispensary system under chapter 329D, Hawaii Revised Statutes; and allow licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

The U.S. Hemp Roundtable is a coalition of leading companies and organizations committed to safe hemp and CBD products. We proudly represent the industry's major national grassroots organizations, and are leading the way forward for hemp and CBD products through education and action. We do not view industrial hemp derived products as medication and believe that the most effective way to realize the potential of the industrial hemp market and allow for safe and regulated CBD products in the market is to establish the right conditions for the market to flourish. Unfortunately, SB 2274 would:

- prohibit the manufacture, sale, or distribution of any CBD derived products from any source unless approved by the Department of Health or obtained through the recommendation of a physician or advanced practice registered nurse
- Require labelling similar to prescribed medication
- Limit the manufacture and distribution of CBD products to approved medical marijuana dispensaries in the state

The proposed measure essentially treats CBD similar to medical marijuana in the State of Hawaii, does not provide the necessary framework to establish a viable hemp/cannabidiol industry and, would continue to maintain the current unregulated market being fulfilled through on-line sales and

unregulated marketplaces. For these reasons the U.S. Hemp Roundtable would recommend the bill be amended to mirror the language in SB 2050 RELATING TO INDUSTRIAL HEMP DERIVED PRODUCTS.

Thank you for the opportunity to testify.

*Paid for by U.S. Hemp Roundtable, Inc., an independent, nonprofit organization exempt from federal taxation under section 501(c)(4) of the Internal Revenue Code. Contributions to U.S. Hemp Roundtable, Inc. are not deductible as charitable donations for federal income tax purposes. 250 West Main Street, Suite 2800, Lexington, KY 40507.*

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

**SB-2274**

Submitted on: 2/10/2020 8:06:59 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>       | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------|---------------------------|---------------------------|
| Vince Kana`i Dodge  | Testifying for `Ai Pohaku | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:15:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>        | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------|---------------------------|---------------------------|
| laraine snyder      | Testifying for irie hawaii | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 9:30:57 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>       | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------|---------------------------|---------------------------|
| Neil Ishida         | Testifying for ABC Stores | Oppose                    | No                        |

Comments:

RE: SB2274

ABC Stores strongly opposes SB2274 Relating to Health

This bill will allow the sale of CBD only in Medical Marijuana Dispensaries. This will result in an unfair monopoly. Local retailers, spas, and hotels would not be able to sell any CBD product. This lack of competition will lead to high prices and limited availability for consumers. Local CBD companies would shut down. Hawaii's hemp farms are also in strong opposition, because they do not see a way to be profitable should this bill pass.

Hawaii's businesses and consumers will benefit most when lab-tested CBD is sold in a free market.

Thank you for this opportunity to testify.

**LATE**

**SB-2274**

Submitted on: 2/10/2020 3:47:57 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>               | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-----------------------------------|---------------------------|---------------------------|
| Ryan Duffy          | Testifying for South Maui Gardens | Oppose                    | Yes                       |

Comments:

Aloha,

I thank the Senate for the opportunity to testify.

My name is Ryan Duffy. I am a project manager for South Maui Gardens, a Hemp Licensee in the State of Hawaii. I am also a license application writer, business strategy advisor, operations consultant, and project manager for legal cannabis businesses of all kinds nationwide and have done so since 2016. This includes medical marijuana, adult-use marijuana, and industrial hemp. I have first-hand experience of the impacts of laws from different states on businesses and advise how to navigate the frameworks created to regulate cannabis industries and contribute to the implementation of advice given to clients.

I am writing to testify in opposition to SB 2274. Though I believe a regulatory framework is necessary to establish consumer safety and security as well as a framework for hemp businesses to have a secure commercial channel, mirroring provisions of the medical cannabis dispensary system would be a mistake that will be injurious to farmers, manufacturers, and consumers while also being in opposition to federal intent of opening up the hemp-derived products in a dynamic way.

First and primarily, though marijuana and hemp are both Cannabis Sativa, they are categorically different in their legal treatment. It is, by no means, a reasonable proposition to begin to consolidate infrastructures at the State level that have been created under entirely different premises. Rather, it makes more sense to create structures that are in line with federal law for hemp and hemp-derived products.

The impact of consolidating such a definition would create higher barriers to entry for businesses in products that ultimately do not produce the same margins as medical marijuana. Such infrastructures can be considered unnecessarily onerous and expensive for farmers and will create bottlenecks in production, manufacturing, and distribution which can ultimately create impurities in final products due to such delays. Though creating such an infrastructure was reasonable for the State to meticulously control medical marijuana, a substance listed on the Controlled Substances Act, it does

not sense to do so for any hemp-derived product since they have been removed from the CSA.

Further, the existing infrastructure was designed for 8 licensees and sometimes has long turnaround times and bottlenecks at a significantly smaller scale (by the number of licensed acreage/square footage) than the current Hemp Pilot program. The currently designed system was not intended for economies of scale.

In addition, the State cannot anticipate that the FDA will regulate marijuana-derived products and hemp-derived products in the same way. There is no indication that the federal government will do so, as marijuana and hemp are clearly defined differently at the federal level at the writing of this testimony.

Moreover, the market realities of the hemp industry have an entirely different character than marijuana industries, both medical and adult-use. This bill misses an opportunity to encourage dynamic development and risks stifling innovation by effectively establishing a highly restricted market unnecessarily.

Finally, this bill establishes a separate framework, apart from the FDA, to create a pharmaceutical, a medicine or a medicinal product when one already exists for hemp-derived products. Again, due to the fact that hemp-derived products are not on the CSA, fewer barriers to clinical research exists in relation to marijuana-derived products. Any business that would like to have a CBD-derived product to make medical claims may do so, as exemplified through Epidiolex, which is approved for childhood seizures.

For these reasons, we at South Maui Gardens submit opposition to this bill.

**LATE**

**SB-2274**

Submitted on: 2/10/2020 5:06:06 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                               | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------------------------------|---------------------------|---------------------------|
| Steve Sakala        | Testifying for Honaunau Farm and Wellness Retreat | Oppose                    | No                        |

Comments:

Aloha Committee Chairs and Honorable Committee members,

Thank you for receiving my testimony. Today I write to you in strong opposition to SB2274. This bill would stifle the hemp industry here in Hawaii which is still in its infancy. Not only would this bill all but remove the hemp industry here in Hawaii it would limit the consumer in its ability to access safe affordable hemp-based products.

By only allowing Hawaii dispensaries to sell and carry CBD products you would be severely limiting the market for CBD hemp goods which has just begun to thrive. Currently, across the nation, you can buy CBD Hemp products in health food stores, spas, chiropractors office, naturopaths, acupuncturists and a myriad of other locations. This bill would be a major step backward and send a chilling message to those that have come to depend on hemp-based products as a part of their health regime. In addition, CBD would then be for the elite of this state that could afford to go get a license from a doctor, deal with the medical cannabis portal at the DOH and pay the prices set by 8 companies statewide. I'm trying to understand how this would be good for anyone but the dispensaries.

I do agree with the fact that dispensaries should be fully allowed to carry CBD hemp products however this bill goes way beyond that request. I hope this committee will demonstrate leadership in caring for the health of the Hawaii farmers that have taken the time to invest in hemp, consumers who currently use CBD hemp products and any future potential customer/visitor that may need CBD to assist with their health in the future.

I strongly urge this committee to oppose SB2274 and support one of the other commons sense CBD Hemp Bills moving through the legislature.

Mahalo,

Steve Sakala

Owner/ Operator Honaunau Farm and Wellness Retreat







**Aloha Honorable Chair Senator Baker and Committee Members,**

I wish to note my OPPOSITION to SB2274. I worked with HonoluluNewsNow to conduct a study of CBD products available in the non-dispensary market. HNN reporter, Alison Blair, alerted the public about the dangerous lack of standards, poor-quality control and deceptive marketing.

HNN Feature:

<https://www.hawaiinewsnow.com/2019/09/12/hnn-investigation-finds-bacteria-inaccurate-potency-popular-cbd-products/>

TINY URL:

<https://tinyurl.com/t9lq8sl>

The State of Hawai'i does not have the resources to properly supervise, police and regulate the flood of CBD products. There are many rumors, preliminary studies and anecdotal stories that suggest CBD is a viable and compassionate drug. Yet we have little peer-reviewed, evidence-based research to support claims or products.

It would be highly irresponsible for the state legislature to allow these untested products to be sold in the various non-dispensary locations. DOH-regulated dispensaries are the proper, safe and reasonable location to market these products. Requiring DOH "329" authorization also allows product and patient use to be monitored, recorded and further researched.

Let's not create a "vaping" epidemic by allowing vendors to sell anything and everything to anyone and everybody. CBD is untested. Our friends, family members and children should not be guinea pigs for this powerful substance.

Thank you for your continued service to Hawai'i resident and our great state.

Mahalo nui loa,  
Scott Goold, director  
InfoImagination  
1778 Ala Moana Blvd, 2520  
Honolulu, HI 96815

**SB-2274**

Submitted on: 2/10/2020 3:29:41 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>               | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-----------------------------------|---------------------------|---------------------------|
| John Cipolla        | Testifying for Universal Healings | Oppose                    | No                        |

Comments:

This bill is ludicrous. Why would we want to put CBD oil in the hands of only dispensaries? Will olive oil and coconut oil be next ?

**LATE**

Hi , I'm Tharifah Wenrich,  
I'm here to tell you my story.

I have suffered Anxiety all my life. It was about a year and the half ago that everything changed since I have taken CBD for my health condition.

I was rushed to the emergency room several occasion yearly from my severe anxiety . It's like a roller coaster ride.

Doctors and hospital had prescribed me with prescription drugs that made me dizzy imbalance and weak. It inhibits me to function day to day from the side effects of the medication.

I definitely got tired and very anxious all the time. I realized I needed an alternative medicine that is safe , natural and not synthetic. This is when I discovered that CBD has helped so many who's suffered from the same condition.

After trying CBD as an alternative to help with my anxiety my quality of life changed tremendously. My anxiety is completely gone!!

With this life altering results , I'm empowered to share this information and help others who is in the same situation as I was before.

I am now a CBD advocate and I represent a company MyDailyChoice as a distributor that sells CBD products. And since I have helped many others to joined our company and have the same opportunity in supplememnting their family income.

Having this bill passed would destroy my family stream of income and those who joined me in my organization.

I am here to oppose the selling of CBD thru a dispensary.

Thank you.

Tharifah Wenrich  
CBD Advocate/Distributor  
MyDailyChoice

Feb 2/11/20

Tharifah Wenrich  
Feb 10-2020

**SB-2274**

Submitted on: 2/5/2020 8:18:47 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Wailana Marvin      | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 8:23:24 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Gianna DeTrolio     | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 8:24:46 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| pat gegen           | Individual          | Support                   | No                        |

Comments:



February 9, 2020

TO: Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Committee on Commerce, Consumer Protection & Health

Senator Mike Gabbard, Chair  
Senator Russell Ruderman, Vice Chair  
Members of the Committee on Agriculture & the Environment

FROM: Michael Backes, Cannabinoid Researcher, Author, Consultant

RE: **TESTIMONY IN SUPPORT OF SB2274**

RELATING TO HEALTH.

Cannabidiol; Department of Health; Laboratory Standards and Testing; Marketing and Labeling

Regulates cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act. Allows licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

Thank you for the opportunity to testify in support of SB2274. I am a medical cannabis researcher, author of *Cannabis Pharmacy*, educator, and cannabis policy consultant with clients in Hawai'i and abroad. Since 2008, I've been an advocate for Project CBD, a nonprofit dedicated to promoting and publicizing research into the medical uses of cannabidiol. It was my pleasure to participate in a briefing on CBD at the invitation of Senator Baker and Representative Mizuno in this building last September.

Since the September legislative briefing, the FDA updated its public advisory<sup>1</sup> for CBD to confirm the prescription drug Epidiolex is the only approved CBD product in the United States. The FDA further clarified that it is illegal to market CBD as a dietary supplement. After reviewing limited CBD data, the FDA concluded the health risks were significant enough to issue a consumer advisory against taking CBD. The FDA is concerned that people mistakenly believe that CBD "can't hurt," when in fact it can. Very few consumers are aware of the potential health risks associated with using CBD products including interactions between CBD and several commonly prescribed drugs.

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<sup>1</sup> <https://www.fda.gov/consumers/consumer-updates/what-you-need-know-and-what-were-working-find-out-about-products-containing-cannabis-or-cannabis>

The FDA has also continued to issue warning letters to companies for illegally selling CBD-containing products in violation of the Federal Food, Drug, and Cosmetic Act (FD&C Act). Misleading, unproven, and false claims about CBD products can lead consumers to delay urgent medical care or to substitute CBD products for needed medication.

The FDA is also disturbed by the questionable quality of many CBD products. The lack of appropriate manufacturing controls, safety standards and truthful labeling requirements put consumers at additional risk. The FDA tested the chemical content of cannabinoid compounds in an array of randomly purchased products, and discovered that many did not contain the levels of CBD claimed.

A comparable study led by Marcel Bonn-Miller<sup>2</sup> published in the Journal of American Medicine in 2017, tested the contents of 84 different CBD products sold online and found that nearly 70 percent were inaccurately labeled; THC was detected in 18 of these 84 products. Similar surveys have yielded similar results.

Despite the fact that *it is illegal to market CBD as a dietary supplement*, countless CBD products are sold online and throughout Hawai'i by so-called CBD dispensaries, gas stations, beauty salons, and convenience stores,. One Hawai'i retailer, Medic808<sup>3</sup>, regularly airs television commercials featuring video testimonials that infer CBD products can cure Type 2 diabetes, mitigate Parkinson's Disease, relieve muscular, arthritic, and neuropathic pain, and treat anxiety and insomnia.

Perhaps the most troubling of these products are hemp cigarettes being sold at smoke shops and retailers throughout Hawai'i. Cigarette manufacturers have historically manipulated the chemistry of cigarette products to increase "irritation and impact" in the throat and lung<sup>4</sup>, factors that contribute to the pleasure of smoking, and even a portion of its addictiveness. In tests at state approved cannabis testing facilities, several of these cigarette brands contained THC levels in excess of those permitted in federally legal hemp.

Confusion about these products stems from the misperception that the 2018 Federal Farm Bill "legalized" CBD. When Congress passed the bill, it established a legal category of cannabis known as hemp, defined as containing no more than 0.3% THC. However Congress explicitly preserved the FDA's authority to regulate CBD-containing products to ensure they're safe and that claims made about them are valid. Under current law, CBD is permitted in food or dietary supplements *only* if the FDA issues a regulation allowing its use. Unfortunately, FDA regulations have yet to be issued.

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<sup>2</sup> Bonn-Miller MO, Lofflin MJE, Thomas BF, Marcu JP, Hyke T, Vandrey R. Labeling Accuracy of Cannabidiol Extracts Sold Online. *JAMA*. 2017;318(17):1708–1709. doi:10.1001/jama.2017.11909

<sup>3</sup> <https://medic808.com/video-testimonials/>

<sup>4</sup> Davis, Daniel Layten, and Mark T. Nielsen. *Tobacco: production, chemistry and technology*. No. 679 D3. 1999.

In the absence of explicit FDA regulation, state and regional governments need to step in to protect public health. I've observed state regulatory efforts through the nation.

In May 2018, the Centers for Disease Control (CDC) published its summary<sup>5</sup> of a case in Utah when 52 people were sickened by a product named *Yolo CBD Oil*. The top three reported symptoms were altered mental states, nausea or vomiting, and seizures or shaking. The product label contained no information about the manufacturer, or ingredients. The product was tested by the Utah Public Health Laboratory and the Utah Department of Public Safety Crime Laboratory and found to contain a synthetic cannabinoid, 4-cyano CUMYL-BUTINACA (4-CCB), but no CBD. As a result, the CDC recommended, "States should consider regulating products labeled as CBD and establishing surveillance systems for illness associated with products labeled as CBD to minimize the risk for this emerging public health threat."

In 2018, the Utah State Legislature passed HB130, the Cannabidiol Product Act<sup>6</sup> that authorizes the cultivation, production, and possession of hemp and the sale and use of cannabidiol products under certain circumstances; grants various state agencies rulemaking authority and requires all CBD products to be registered with the state and provide lab samples and consumer data. The measure also directs the state to randomly test CBD products for potency and contaminants.

Like Utah's example, SB 2274 takes a significant step toward safeguarding public health by providing a framework for the safe manufacture and sale of hemp-derived CBD throughout Hawai'i. Unlike Utah, Hawai'i has already established considerable institutional capacity built upon patient welfare, quality-assured products and public safety since establishing the medical cannabis dispensary system in 2015. This system includes licensing and inspection of cannabis product manufacturers and independent testing labs monitored by the Hawai'i Department of Health and the Department of Public Safety, Narcotics Enforcement Division.

For these reasons, I urge passage of SB 2274.

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<sup>5</sup> Horth RZ, Crouch B, Horowitz BZ, et al. *Notes from the Field: Acute Poisonings from a Synthetic Cannabinoid Sold as Cannabidiol — Utah, 2017–2018.* MMWR Morb Mortal Wkly Rep 2018;67:587–588. DOI: <http://dx.doi.org/10.15585/mmwr.mm6720a5>

<sup>6</sup> <https://le.utah.gov/~2018/bills/static/SB0130.html>

**SB-2274**

Submitted on: 2/6/2020 1:35:55 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kathleen Smith      | Individual          | Support                   | No                        |

Comments:

Aloha Chair Gabbard, Vice chair Ruderman, and members of the committee,

As stewards of the Earth, we must protect our environment and the health and safety of all who live here.

I am writing today in strong support of SB2774, prohibiting the operation of underground storage systems with a capacity of 100,000 gallons or more, mauka of the underground injection control line, after 1/1/2028.

As a water drinker, I am incredibly concerned that the underground storage tanks at the U.S. Navy's Red Hill storage facility remain in operation directly above a major water source. The Red Hill tanks are over 75 years old and have a long history of leaking fuel into the surrounding environment. This facility alone has leaked over 200,000 gallons since construction, most recently releasing 27,000 gallons of fuel in 2014—none of which was ever located or cleaned up. More upsetting is that the Navy's own recent study shows that the tanks at Red Hill have a 27.6% chance of leaking 30,000 gallons of fuel every year and that they expect chronic fuel leaks of 5,800 gallons every year. I cannot stand idly by while there is such a massive threat to O'ahu's drinking water security and I invite you to join me by passing this much needed bill.

There is no tank upgrade option that provides as much security as the relocation of the Navy's fuel away from drinking water resources.

Thank you for the opportunity to testify on this important matter.

Sincerely,

Kathleen Smith

**SB-2274**

Submitted on: 2/6/2020 8:34:53 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>         | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------------|---------------------|---------------------------|---------------------------|
| Jennifer Azuma<br>Chrupalyk | Individual          | Support                   | No                        |

Comments:



Gregory K. Yim, M.D. LLC  
*Pediatric Neurology*

Kapiolani Medical Center for Women and Children  
1319 Punahou Street, Suite 1000 • Honolulu, HI 96826  
TEL 808-946-4474 • FAX 808-946-4475  
E-mail: Gregyim@aol.com

February 8, 2020

TO: Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Committee on Commerce, Consumer Protection & Health

Senator Mike Gabbard, Chair  
Senator Russell Ruderman, Vice Chair  
Members of the Committee on Agriculture & the Environment

FROM: Gregory Yim, M.D.

RE: TESTIMONY IN SUPPORT OF SENATE BILL 2274

Aloha members of the CPH and AEN committees, I testify today in support of Senate Bill 2274, which would mandate much needed regulation of hemp-derived cannabidiol under the Hawai'i Department of Health (DOH).

As a pediatric neurologist, I care for some of our state's most vulnerable patients, children with neurological disorders. My lifelong interest in integrative medicine led me to explore the safety and efficacy of cannabinoid-based treatments for pediatric patients.. This resulted in my position as chief medical officer (CMO) for one of Hawai'i's licensed medical cannabis dispensaries. As CMO, my focus is on research and education in support of safe, evidence-based use of cannabinoids as part of an integrative therapeutic program.

My support for this bill comes from my grave concerns about the abundance of unregulated hemp-derived CBD products sold over-the-counter throughout Hawai'i. Aside from the unfounded health claims regularly made by many of these retailers, I am disturbed by the lack of regulatory oversight applied to verifying product safety and purity. In many cases, CBD products claim to be tested by independent labs outside of Hawai'i, but consumers have no way of verifying the standards, analytical rigor, legitimacy or timeliness of these remote laboratories. On the other hand, licensed labs regulated and inspected by DOH and NED are held to the high standards established by our medical cannabis regulations for independent lab testing program. Few, if any other states rise to Hawai'i's standards.

Market-driven publicity has led many to mistakenly believe that CBD is a benign compound like multivitamins. This is not true. The FDA recently updated its public advisory<sup>1</sup> to say there are many unknown aspects about CBD usage, including the effect of CBD on a child's developing brain, on a developing fetus, or on a breastfed infant.

In September 2019, Hawaii News Now commissioned independent lab testing of seven CBD products purchased from Hawaii retailers.<sup>2</sup> Results showed that, *in every single case*, the cannabidiol potency *did not match* the information on the label. Tests also showed potentially dangerous undisclosed additives in some products, and that some contained traces of fungus and bacteria. *One product even contained an illegal amount of THC*. This is an unacceptable risk for anyone who wants to try CBD for therapeutic reasons, but it becomes a genuine danger to any young, vulnerable pediatric patient.

For these reasons, I urge your committees to pass SB2274 as a needed and reasonable health protection for Hawai'i's citizens, especially those who are too young to speak on their own behalf.

Mahalo for your consideration.

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<sup>1</sup> United States Food & Drug Administration, *Consumer Update, November 21, 2019*  
<https://www.fda.gov/consumers/consumer-updates/what-you-need-know-and-what-were-working-find-out-about-products-containing-cannabis-or-cannabis>

<sup>2</sup> Hawaii News Now, *HNN investigation finds bacteria, inaccurate potency in popular CBD products*  
<https://www.hawaiinewsnow.com/2019/09/12/hnn-investigation-finds-bacteria-inaccurate-potency-popular-cbd-products/>

To: Senator Rosalyn Baker, Chair  
Senator Stanley Chang, Vice Chair  
Members of the Senate Committee on Commerce, Consumer Protection, and Health

Fr: Jaclyn L. Moore, Pharm D.

**TESTIMONY IN SUPPORT OF SENATE BILL 2274**

Regulates cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act. Allows licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

As a pharmacist, I am submitting testimony today **in support of SB2274** which expressly regulates cannabidiol under the department of health to be consistent with the Hawaii Food, Drug, and Cosmetic Act under chapter 328, Hawaii Revised Statutes, including mirroring certain provisions of the medical cannabis dispensary system under chapter 329D, Hawaii Revised Statutes; and allows licensees under the industrial hemp pilot program to market their products to the consumer market in a manner that is regulated and tested for safety, purity, and potency.

Labeling accuracy for CBD product ingredients, and potency is critical when assessing potential drug interactions for patients consuming CBD products and other medications. CBD is a known inhibitor of certain liver enzymes (CYP 2C19, 2C9, 3A4) that are responsible for metabolizing external substances such as pharmaceutical and over-the-counter medications. Medications with narrow therapeutic windows, such as warfarin, are metabolized by this same sub group of enzymes that CBD inhibits, the combination of which could potentially result in adverse drug reactions, therapeutic failure, or toxicity. However, drug interactions can be effectively managed if the proper information is available to patients and their healthcare providers.

According to a May 15, 2019 ABC report which accessed the largest test results and analysis on CBD products in market, 70 percent of the 240 top-selling hemp-derived CBD products were “highly contaminated” with lead, glyphosphate (Round-up), BPA, arsenic, pesticides, and toxic mold. When assessed for “truth in labeling” some products had no CBD whatsoever, and others contained 5-6 times more CBD than claimed.

Another research study analyzed 84 products from 31 different companies. The results: 42 percent of products were under-labeled for CBD; only 31% were labeled accurately; and THC was detected in 18 of the 84 products. *Marcel O. Bonn-Miller, PhD et al, 2017*

With the wide availability of unregulated CBD on the market with an unknown pedigree, this bill establishes the framework needed to provide consumers with the peace of mind that what people are consuming, in some cases as medicine, is tested and accurate with the information provided on the label, and has undergone extensive lab testing for pesticides, microbials, and heavy metals.

Aloha,  
Jaclyn L. Moore, Pharm.D.



**SB-2274**

Submitted on: 2/5/2020 8:24:47 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lily Reynolds       | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 8:25:32 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kalia Hamid         | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 10:40:31 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lucas McSweeney     | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 10:45:48 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Bradley Pratt       | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/5/2020 10:45:56 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| sienna              | Individual          | Support                   | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:10:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>       | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------------|---------------------|---------------------------|---------------------------|
| VALENTINO<br>MIRANDA-KEPA | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:11:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| ASHLEY MATTOS       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:14:07 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Naomi Muronaka      | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/10/2020 2:09:41 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Daniel Ehrke        | Individual          | Oppose                    | Yes                       |

Comments:

I can personally vouch for CBD being effective to help with pain and sleep apnea. I have used it and given it to family members to use who have found it effective. I work at a small coop market and cbd products have been one of the biggest sellers. The whole reason I know about it is because it's not a restricted substance and is sold in stores all around Honolulu. I would ask you please not to restrict something that is less harmful than aspirin, which can kill someone if they overdose. CBD no matter on how much quantity taken can not kill anyone. It is more beneficial than harmful and helps stimulate the local economy.

**SB-2274**

Submitted on: 2/6/2020 10:19:49 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| ellen benton        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:23:46 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Shannon Rudolph     | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:32:03 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Mariner Revell      | Individual          | Oppose                    | No                        |

Comments:

Why would anyone restrict open access to CBD? Show me one person that has overdosed from CBD or has had a severe negative reaction to CBD! Where is the proof that CBD is harmful and should only be sold by a dispensary or pharmacy? Stop protecting the interests of Big Pharma!

**SB-2274**

Submitted on: 2/6/2020 10:40:57 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| natalea mikami      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 10:43:31 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Hoku                | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 7:50:33 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| jonah               | Individual          | Oppose                    | No                        |

Comments:

cbd helps people

**SB-2274**

Submitted on: 2/6/2020 10:53:44 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Paul Marshall       | Individual          | Oppose                    | No                        |

Comments:

Dear Honorable Senators,

I strongly oppose SB 2274. Please oppose this bill and let it die in committee. The regulation it creates is excessive and will put Hawaii hemp farmers out of business.

Although some aspects of this bill are needed, they are provided for in other legislation introduced in this session.

Thank you,

Paul Marshall



**SB-2274**

Submitted on: 2/6/2020 11:19:28 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| C. Kai Lucas        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 11:37:30 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Eric Heaukulani     | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/6/2020 11:50:53 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Karen Winslow       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 12:44:09 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Jacob Nelson        | Individual          | Oppose                    | No                        |

Comments:

SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market. Our farmer members state this bill will force them out of business. There are other hemp bills making their way through the legislature that include the rational aspects of SB2274, so there is no need for SB2274.

**SB-2274**

Submitted on: 2/7/2020 2:34:49 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Bridgit Bales       | Individual          | Oppose                    | No                        |

Comments:

Strongly OPPOSE this Bill. Mahalo.

**SB-2274**

Submitted on: 2/7/2020 4:30:45 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Brenda Chase        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 5:28:11 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Rexann Dubiel       | Individual          | Oppose                    | No                        |

Comments:

No. Period.

**SB-2274**

Submitted on: 2/7/2020 7:09:11 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Raphiell Nolin      | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/7/2020 7:13:33 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Greg Koch           | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 5:50:22 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lori Buderus        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 5:32:14 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Louisa Wooton       | Individual          | Oppose                    | No                        |

Comments:

STRONG OPPOSITION TO THIS BILL.

**SB-2274**

Submitted on: 2/7/2020 8:29:52 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Ken Stover          | Individual          | Oppose                    | No                        |

**Comments:**

Senate Bill 2274 is strongly OPPOSED by our membership hemp farmers and the Hawaii Hemp Farmers Association. SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market. Our farmer members state this bill will force them out of business. There are other hemp bills making their way through the legislature that include the rational aspects of SB2274, so there is no need for SB2274.

**SB-2274**

Submitted on: 2/7/2020 8:30:28 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                 | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|-------------------------------------|---------------------------|---------------------------|
| Timothy Clark       | Testifying for hawaii medicinal llc | Oppose                    | No                        |

Comments:

This bill is not good for hemp farmers. We need a better bill in place to satisfy the industry's demand. States throughout the country are doing so well with hemp production. Please get on board with the times and let's make a sustainable future.

**SB-2274**

Submitted on: 2/7/2020 9:18:25 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Jamie Sabatini      | Individual          | Oppose                    | No                        |

Comments:

I strictly oppose this bill as it will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the CBD market and may force them out of business. I look forward to supporting other bills that include the rational aspects of SB2274.

**SB-2274**

Submitted on: 2/7/2020 9:45:29 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Nicole Brown        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 9:46:30 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Suellen Barton      | Individual          | Oppose                    | No                        |

Comments:



**SB-2274**

Submitted on: 2/7/2020 10:51:28 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>   | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------|---------------------|---------------------------|---------------------------|
| Erika Lechuga Disalvo | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 10:54:27 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>   | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------|---------------------|---------------------------|---------------------------|
| Jacqueline S. Ambrose | Testifying for HFUU | Oppose                    | No                        |

Comments:

SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market. Our farmer members state this bill will force them out of business.

**SB-2274**

Submitted on: 2/7/2020 10:57:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Linda Hastings      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 11:37:44 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dennis F Lokmer     | Individual          | Oppose                    | No                        |

Comments:

Potential for over-control of people farming hemp.

**SB-2274**

Submitted on: 2/7/2020 12:44:52 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Joy Nelson          | Individual          | Oppose                    | No                        |

Comments:

Joy Nelson

**SB-2274**

Submitted on: 2/7/2020 1:25:05 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                            | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------------------|---------------------------|---------------------------|
| Eva Lee             | Testifying for Hawaii Farmers Union Unites Tea Committee Chair | Oppose                    | No                        |

Comments:

Dear Honorable Senators,

I oppose SB 2274 as Chair of Tea Committee HFUU organization and as a small business owner and tea farmer advocating for value added products of Hemp grown in Hawaii. This bill will surely halt any development in marketing Hawaii Origin Hemp Products. Hawaii has successfully accomplished the research and development to move forward in the commercialization of Hawaii grown hemp. SB 2274 should be opposed.

Sincerely,

Eva Lee

**SB-2274**

Submitted on: 2/7/2020 1:57:45 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Thomas Craig        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/7/2020 6:34:08 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>         | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-----------------------------|---------------------|---------------------------|---------------------------|
| Dr Kimberly Turnbull,<br>DC | Individual          | Oppose                    | No                        |

Comments:

This bill is bad for everybody except the dispensaries.



**SB-2274**

Submitted on: 2/8/2020 2:19:27 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>             | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------------|---------------------------|---------------------------|
| Bonnie Marsh        | Testifying for UpCountry Doctor | Oppose                    | No                        |

Comments:

To Senator Rosalyn Baker, Chair of Senate Committee on Commerce-Consumer Protection and Health

I am opposing SB2274 as a private citizen and Naturopathic Doctor. This bill would have a negative impact on Hemp farmers, citizens without medical cannabis cards and small businesses. Only benefiting local Cannabis Dispensaries.

Please join me in opposing this poorly written bill,

Dr. Bonnie Marsh

**SB-2274**

Submitted on: 2/7/2020 10:37:23 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dennis A Leri       | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill on the grounds that it places undue restrictions on the process for our farmers.

**SB-2274**

Submitted on: 2/7/2020 10:54:55 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Bryon Lee           | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 8:34:02 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Judy Epstein        | Individual          | Oppose                    | No                        |

Comments:

I have been informed that my ability to obtain CBD products is going to be jeopardized from how I am currently able to obtain it should this bill pass. I have an elderly dog who has dramatically improved with the use of CBD oil twice daily on his food. I would be devastated as would my dog's mobility should this bill pass. Please DO NOT PASS THIS BILL!!!

**SB-2274**

Submitted on: 2/8/2020 10:16:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Michael Clay        | Individual          | Oppose                    | No                        |

Comments:

It has come to my attention that bill SB2274 is currently under consideration by the Hawaii legislature and while the general concerns of the bill to regulate and control the safety of cannabis products in general and CBD products in specific are to be commended; the provision limiting distribution by “physicians” and dispensaries (Page 4 section on prohibitions) should be reconsidered and/or dropped.

This type of provision creates a catch 22 situation where only physicians can approve obtaining CBD products while at the same time they are limited from prescribing CBD since it is not a medically approved treatment.

I have personally used CBD oil on skin lesions resulting from my dysplastic mole syndrome with therapeutic effects... so I KNOW it is effective but medical establishment rules recognize no such activity.

The scope of this Bill should be to control the types, purity and concentrations of all CBD oils imported to the state through whatever means and not to control so drastically the point of sale. It is my understanding that the bill SB 2050 is a better approach to this problem.

Dr Michael E Clay Haiku, HI

**SB-2274**

Submitted on: 2/8/2020 8:37:51 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Edward Aloï         | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 12:42:42 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By     | Organization | Testifier Position | Present at Hearing |
|------------------|--------------|--------------------|--------------------|
| randall marshall | Individual   | Oppose             | No                 |

Comments:

Aloha Sen Rosalyn Baker and to whom it may concern,

Greetings!

My name is Randall Marshall. I am a supplements buyer at Island Naturals in Kailua-Kona, HI. I have used hemp oil to help me sleep for about 6 years. Its very effective. I also use it for optimal well-being. To me hemp oil products are like a multivitamin as it nourishes/strengthens the endocannabinoid system the same way vitamins nourish the body with nutrition.

I'd like to say it is a pleasure to write you today about my position on SB2274. I strongly OPPOSE this bill as it will only benefit the profitting strategy of Cannabis (THC SALESMAN) from dispensaries and not the general retail outlets whom have been very grateful to offer these phytocannabinoid rich hemp products to the public. Dispensaries sell Cannabis Indica and Cannabis Sativa products which are therapeutic to people who need THC.

At our store, we sell hemp oil products that are third-party tested for purity to the public who depend on them due to their healing properties from the full spectrum of Phytocannabinoids that synergize together to stimulate the endocannabinoid system. These products are extremely low in THC and high in other phytocannabinoids and are protected by the 2018 farm bill. There is also THC free Hemp Oils available and hoards of scientific research showing how safe these products are. They do not create psychoactive effects as their THC levels are below .3%. There are no toxic side effects in Hemp Oil usage that are common in over the counter medications such as advil and tylenol. What I have seen in people using hemp oil for a duration of time is miraculous. I've seen people come off of decades long use of opioids that were making them deathly ill to being able to engage in normal life again. I've had the honor of seeing people smile again, knowing that after many years of struggle they've finally found something that works for them.

A hundred years ago, these hemp oil phytocannabinoid products were available in retail stores just as they are now until Henry Ford decided he was going to build the hemp car; a car that ran on hemp gas. The big oil companies didn't want that to happen because the cost for hemp gas would be very inexpensive and they would lose out on

lots of money. So through propaganda they demonized all cannabis and hemp so the Big Oil machine could prosper. This is what is happening again with this bill SB2274.

To be clear, the products we sell from Island Naturals are all third-party tested for purity and are free of toxic materials such as lead or arsenic. Each hemp oil product has a scannable tag that will take the consumer to the website showing the products purity. The hemp oil industry is very transparent. We are very fortunate and grateful to have these hemp based products and to lose them at the retail level would be horrendous for thousands of people.

Please oppose this ridiculous Bill SB2274. By opposing you would be helping me, and countless others whom depend on these products every day for their optimal well-being. They are supplements and shall remain supplements.

Thank you for taking the time to read this. I am eternally grateful for you.

Mahalo

Randall Marshall



**SB-2274**

Submitted on: 2/8/2020 10:53:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>        | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------|---------------------------|---------------------------|
| Anna Barbeau        | Testifying for self & HFUU | Oppose                    | No                        |

Comments:

Over regulation will unfairly squeeze out small local Farmers so this Bill is overkill.

**SB-2274**

Submitted on: 2/8/2020 1:21:09 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| lana papke          | Individual          | Oppose                    | No                        |

Comments:

I am a consumer and I oppose this bill.

**SB-2274**

Submitted on: 2/8/2020 2:00:03 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| wendy kelly         | Individual          | Oppose                    | No                        |

Comments:

This is an attempt to create a monopoly for hemp. Full spectrum hemp extracts are completely safe and should not be confined to dispensaries only. They get the THC cannabis derived products. The community should have every right to use hemp derived products under the herbal extracts industry. This is a very greedy attempt and I hope that it does not pass. That would be a shame.

**SB-2274**

Submitted on: 2/8/2020 2:25:25 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>  | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|----------------------|---------------------|---------------------------|---------------------------|
| Elizabeth MacDougall | Individual          | Oppose                    | No                        |

Comments:

I vote NO on SB 2274 mahalo!

**SB-2274**

Submitted on: 2/8/2020 2:54:13 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Megan Talley        | Individual          | Oppose                    | No                        |

Comments:

Aloha and thank you for taking the time to read this testimony. I will be as brief and direct as possible.

I am the operations manager for Omao Lands, LLC. We have a 3.5 acre hemp farm that will be going into its second harvest this week. We are building a state-of-the-art ethanol extraction facility that was ultimately built for compliance and oversight by whichever department is elected to be in charge of manufacturing/processing. We are moving forward with ethanol because it is the safest extraction method currently being employed in the CBD industry. We have chosen to use organic sugar cane ethanol and our hemp crop is certified organic by the strictest certifying agency in the nation.

Hemp and marijuana are not equivalent to each other. Hemp is completely non-psychoactive in nature. Under the 2018 Farm Bill .3% THC is the legal limit, and amount that is ultimately not bioavailable enough to register in your body to get you "high." It is surprising that 2274 puts the two side by side on the same playing field. The 2018 farm bill explicitly defines and separates the two plants.

To be direct: bill SB2274 kills the hawaii hemp industry before it even gets off of the ground. The bill is overly strict and contradictory to the FDA guidelines that have been put in place. The FDA is currently regulating and sending cease and desist letters to companies claiming direct health benefits or are selling adulterated food products. Under the FD&C act, at the federal level, CBD is allowable in cosmetics.

Ultimately the state of Hawaii should be a leader in the hemp industry on a whole, even outside the specialized market of CBD sales. Our unique climate allows us to have multiple growing seasons in comparison to the mainland single season. I have been able to gainfully employ 7 full time employees since February 2019 to run the farm as well as bring our ethanol extraction facility to fruition. This does not include the 30+ trades folks that have been a part of the construction process since last June.

My underlying message and plea to you is to please allow the FDA to make it's final judgement and hand out guidelines on CBD before entertaining such strict measures.

The labeling measures suggested by 2274 are overly restrictive and ultimately contradictory to the FDA's stance of no medical claims, after all, this bill requires us to sell in a medical dispensary. No where else in the nation, especially in states with a thriving hemp industry, do you see hemp derived CBD sold in a medical dispensary. To the contrary, California has explicit rules that hemp derived products cannot be sold in medical and recreational cannabis dispensaries. Hemp is a non-psychoactive plant that is ultimately an industrial agricultural product.

Colorado is an excellent example of a state that has their health department reasonably and feasibly managing the labeling of CBD as well as providing oversight for processing and manufacturing. I want to see our HDOA and DOH work cohesively to help usher in a new era of agriculture for the state of Hawaii. The tax benefits derived, by the sale of hemp products, could be tremendous if this industry can get off the ground here. Education programs can be built. Roads can be repaired. Again, Colorado has a beautiful cohesion between industry and government and because they co-exist so well, so many people are benefitted and a greater good is served.

Please, please allow the state of Hawaii to have a fighting chance in the national and global hemp markets. Let's approach this subject rationally so that everyone can win, ESPECIALLY the Hawaii farmers.

Megan Talley Womble Operations Manager

p: (808) 639-0775

**SB-2274**

Submitted on: 2/8/2020 3:50:05 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Monique gunn        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 4:30:21 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| J Riverstone        | Individual          | Oppose                    | No                        |

Comments:

Dear Legislators,

There is no need for this bill, and it will make important health products more expensive.

Please vote against it.

Aloha

Gerald Riverstone



**SB-2274**

Submitted on: 2/8/2020 5:43:20 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Sandra              | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 2:53:16 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| dillon rellez       | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill because mom and pop shops should be able to sell it as long as it is tested in a correct manner. That being said customers should ask the doctor before they take any product that they consume. Thank you for your time.

**SB-2274**

Submitted on: 2/8/2020 7:25:15 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kimberly Gale       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 7:47:13 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| RALLEN A CAYA       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 7:53:07 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Danny Macias        | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 7:40:27 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Matthew Nelson      | Individual          | Oppose                    | No                        |

Comments:

This bill is bad for the community and only good for the 2 dispensary's on Maui. Do not vote for this please!

**SB-2274**

Submitted on: 2/8/2020 9:03:12 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By         | Organization | Testifier Position | Present at Hearing |
|----------------------|--------------|--------------------|--------------------|
| Mary Whispering Wind | Individual   | Oppose             | No                 |

Comments:

Aloha Lawmakers,

Please **OPPOSE** this bill, SB2274.

Cannabinoids, such as CBD are powerful medicines, that also have known side-effects. Please do not rush to pass bills to allow marketing of CBD to generate profits, while endangering public health by marketing pharmaceutical hemp products, that have not been properly researched for safety.

The Food and Drug Administration has significantly ramped up its warnings about the potential health hazards of CBD infused into food, beverages and other products.

As the FDA bluntly stated on Nov. 25, 2019, "CBD has the potential to harm you, and harm can happen even before you become aware of it." The agency lists as potential dangers liver injury, "serious side effects" from the effect of CBD on the metabolizing of other drugs, combining CBD with alcohol and other central nervous system depressants, changes in alertness, gastrointestinal distress and such mood changes as irritability and agitation.

"It is currently illegal to market CBD by adding it to food or labeling it as a dietary supplement," the FDA said. "The FDA has seen only limited data about CBD safety and these data point to real risks that need to be considered before taking CBD for any reason."

Farmers that literally "bet the farm" on producing pharmaceutical hemp products could lose significant investments if, "With the stroke of a pen, government agencies like the Food and Drug Administration could make CBD-based food and beverage products go away until testing verifies that CDB is proven to be generally recognized as safe."

It's not known when the FDA will conduct enough research to create a regulatory framework for CBD in consumer products.

The cannabis dispensary/patient/caregiver system is the place for cannabinoids for patients, under a doctor's care, and produced from cannabis, with the full spectrum

entourage effect, not isolated CBD pharmaceuticals rushed to public markets for profits, instead of following proper standard medical procedures for patient safety.

Mahalo,

Mary Whispering Wind



**SB-2274**

Submitted on: 2/8/2020 9:47:11 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Steven Forman       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/8/2020 11:01:40 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>                                                                                            | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|----------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Jeremiah Holguán    | Testifying for Representing holistic health and regenerative agricultural academic educators and professionals | Oppose                    | No                        |

Comments:

I live in Waimea and my entire schedule is booked for the foreseeable future for several months or I would be present to give this speech today. I work independently with a variety of clients throughout both popular culture and even into the office of pedagogues creating mandated governmental legislature for the public curriculum. I am also affiliated personally with many organic and natural farmers on the Hawaiian islands who range in their scope of practice from providing farm-to-table food for high-end retreat centers to farmers growing large amounts of produce on a seasonal basis. I have done this business privately for many years, although I began originally just in the field of holistic health and fitness as a practice for bringing the body into its most optimal state for physical and mental high performance. The inception of my practice came from extreme pain.

I was born with severe and debilitating scoliosis. I have numerous experiences spanning the entirety of my life, from early childhood to my young adult life, where my erector spinae would seize uncontrollably at random. This would either wake me up suddenly or drop me during the day, I vividly remember screaming randomly a lot as a child. The downstream effects were a severe navicular drop which would put chronic sheering forces from the internal rotation of the legs creating dysfunction within the entire posterior chain of my body. I lived with a severe anterior pelvic tilt as a compensation pattern for faulty hip-stability mechanics, and as a result, lived with horrendous chronic migranes and back pain. It was so intense that at a certain point in my teenage life I considered taking my own life because of the severity of my disability.

My options were split between:

- 1) taking my own life
- 2) living with metal bar in my back

3) or "trying something else".

i chose to "try something else".

Unless you have an extremely trained eye as an osteopathic physician, the average person would not be able to ever tell that i had scoliosis. I can now do the splits, hang from one arm for considerable time, and now after nearly 8 years of constant work and study I can do more than 1 pullup *comfortably*. I am so grateful for the difficulty that it put me through, because thanks to my disability, I have had the honour of helping people with much greater disability than me. Those experiences has brought me much intrinsic success that no amount of money could ever replace it. If it was not for CBD and ALL of the other cannabinoids, especially the ones you can generate through parasympathetic breathin patterns, **i would not be alive**. I have so much gratitude for the deep relaxing and internally releasing abilities of cannabinoids upon the entire nervous system but especially with the fascial system that encapsules the entire body as a whole. Cannabinoids are endemic to the molecular backbone of all of human body and have well documented impacts on the homestatic effects upon the sympathetic and parasympathetic nervous system as a whole.

Cannabis at first brought my muscular spasms down to maybe 4 times per year, and would only occur because of strenuous physical labor. Now, the number is down to once per year thanks to: Yoga, mindfulness, the somatic arts, and personally being mentored by masters in osteopathy and world reknowned holistic docotrs. I can now not only entertain the conception of "living a life and actually do normal human things" but i can put it into practice. Fast forward to today, I now also consult and design regenerative landscaping for clients in a variety of contexts. When i actually have any free time i very much enjoy moving large amounts of the earth and planting trees and helping establish and maintain the projects of the many strong people i know on this island who I happily pour my blood, sweat, and tears into. I am not just a "theoretical guy sitting behind a computer doing consultations and drafting designs". my work is intimately rooted in empirical data, and i not only constantly practice what i preach, but seek to refine it in the process of mastering my craftsmanship, deliverly, and response**ability**.

Hemp is one of the most valuable crops we can grow not only for landscape remediation due to its hardienss and ability to produce gross amounts of organic matter; but so that every individual can excercise their freedom and jurisdiction to produce their own industrial hemp for personal and private use. This genus as a whole needs to continue to be desscilated in intesity; I am all for testing of purity and the regulation of **conccetrated amounts of purity specifically advertised to be such**. but "hemp extract" needs to be deemed ok aswell. We can even by CBD dog treats nowadays and they work great for firework impact. I have seen reports of industrial hemp crops being destroyed because of concentrations slightly above 0.3%. This needs to stop this, it is insane.

In addition to this, I am currently in pursuit of a higher education in the form of an engineering degree so that i can draft integrated designs for architecture hybridized with regenerative agriculture. I was raised in a family of many professional tradesman and have had my fair share of everything from stone masonry to large scale construction; I personally have already taken training in architectural drafting as well. An extremelly lucrative option for hemp by products is the creation of hemp crete. An insulating building material that is, among many other fantastic attributes, highly resistance to earthquake impact. Providing excellent energy saving properties which also locks CO2 from the atmosphere upon its creation. I highlight this to prove my point of deescalation of the intensity beared upon the genus and its use within our operating society as a whole. as before mentioned, the empirical field of hemp textiles really only ceased in recent history. There are innumerable uses to it as a whole. Deregulation with respects to its cultivation and use as a whole, outside of the use as a supplement needs to be implimented immediately. Further rigorous study is needed on the improvement of these easily implimentable "green technologies".

It is now our ethical and moral duty as individuals of sound mind and moral character that we speak consicely about matters innervated in scientific robusticity and ripe with possibilities for innovation. The possibilities and uses of this plant is ubiquitous. Although it is not a panacea, it is quite endowed with holistic potentials.

PA'A KA HONUA I NÄ€ KEIKI A KA PÄŒHÄ€HÄ€

**SB-2274**

Submitted on: 2/8/2020 11:39:08 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Gloria Flack-Boggs  | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 8:21:12 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Andy Takaaze        | Individual          | Oppose                    | No                        |

Comments:

CBD is not a controled substance nor does it qualify as one. CBD has been available to consumers forever with ZERO cases of misuse and/or need for any regulation. CBD is sourced from the hemp plant legally and sold legally. I oppose any government regulations on nature. When is it enough? How many more do nothing government committies/meetings/laws/taxes do you guys need? STOP!

**SB-2274**

Submitted on: 2/9/2020 10:00:18 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b>       | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------------|---------------------------|---------------------------|
| Shelly Johnson      | Testifying for Aloha Hemp | Oppose                    | No                        |

Comments:

I vote "No" on this bill. This bill will affect my family hemp farm business and this is our sole income. CBD has helped keep me clear of eczema for the past year after suffering my whole life. We have seen amazing results from so many dear friends and family from using CBD. Please do not pass this bill as it will affect our community in such a big way.

thank you,

Shelly

**SB-2274**

Submitted on: 2/9/2020 12:18:59 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Janice Morgan       | Individual          | Oppose                    | No                        |

Comments:

This bill is unfair to business owners and consumers in general!! CBD oil is extremely beneficial for many humans and animals!! It should NOT be taken out of stores and made not available to people that do not have a medical marijuana card!! This is strictly a GREED issue. I work in a Health Food store and have seen the results of the hemp oil helping many customers and their pets. I also use it for myself. Please STOP this bill from passing!!!!!!!!!!!!

Mahalo,

A VERY concerned resident and user



**SB-2274**

Submitted on: 2/9/2020 1:10:15 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Paul Gurrieri       | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 1:27:49 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Frank Cash          | Individual          | Oppose                    | No                        |

Comments:

This Bill SB 2274 will require prescriptions for CBD, allow another regulatory of DOH to get involved in growing and harvesting (double regulation since DOA does that now), and limit retail sales of CBD, likely only through dispensaries. While we all agree in the industry should evolve to have packaging and safety standards. CBD and in its natural form poses no more a threat than the regular herbal extracts sold everywhere. IE St. Johns Wort has interactions with medications and so does grapefruit and extracts of grapefruit. .. So to remove the Hemp extracts whole and or in fractional infusions, and their natural constituents is a power move made only by the large players sitting outside the hard working farmers to make this program work. Those large companies such as ARCADIA BIOSCIENCE are not going to benefit the hard working farmers that are currently part of the State program, in fact they will underprice them and create unhealthy competition for those that were forced to start as small farms. Hawaii Senators House Representatives need to be mindful of this extremely valuable program and let us work our land here in Hawaii with the best intent of its use and products and viability in which we can help craft rules that aren't focused with intent of Dispensary selectees and outside public companies that are trying to take over this market space.

Hawaii's legislative Session began January 15th. All of the hemp bills are totally focused on transforming Hawaii's "Industrial" Hemp Pilot Program into Hawaii's "Pharmaceutical" Commercial Hemp Program to produce CBD. This means big profits for out-of-state newcomer corporations, with Hemp Pilot Programs, like:

ARCADIA BIOSCIENCE, (NASDAQ:RKDA), a California corporation

LEGACY VENTURES "Hawaii" - NV20191528515 - filed 07/30/19, a NEVADA corporation.

Vapen MJ Ventures (OTCQX:VAPNF; CSE: VAPN), a Canadian corporation

Archipelago Ventures (Foreign Limited Liability Company LLC), a Delaware Corporation.

Listen to former MONSANTO exec, and Arcadia Biosciences Inc CEO Raj Ketkar “ambitious” plans for Hawaii, already assuming that Hawaii will change the CBD laws, and let them export CBD, and their profits, to their international investors.

Is that what the 8 Hawaii Senators that sponsored these Bills want? Publically held corporations and shell corporations, whom have only thier shareholders to satisfy, riding the backs of the small struggling farmers that whole heartidly make this program work?

This bill must die on on this second reading in comments.

**SB-2274**

Submitted on: 2/9/2020 1:45:11 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Topher Jacob        | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill.

**SB-2274**

Submitted on: 2/9/2020 2:25:33 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Mike Ruggles        | Individual          | Oppose                    | No                        |

Comments:

Aloha kakou,

My name is Mike Ruggles. I am a cannabis expert, a long-time medical cannabis patient advocate, a friend for justice and now a candidate for Mayor, of Hawaii County. I have had multiple opportunities to independently consult licensed farmers participating in Hawaii's Industrial Hemp Research Pilot Program. I strongly oppose the passage of SB 2274. The passage of this bill goes against the Federal Agricultural Improvement Act of 2018, it would impede the distribution of Hawaii grown hemp and quite frankly is racketeering. This bill would financially benefit a few, namely the Dispensaries, to the detriment of the rest of our community. By letting more than just the dispensaries grow hemp, it will increase the local economy. In contrast, dispensary money leaves the state, never to be seen again. SB 2274 is Dispensary-centric and should not pass. Mahalo for your time and consideration.

Sincerely,

Mike Ruggles

**SB-2274**

Submitted on: 2/9/2020 2:31:31 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| lepeka              | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 1:25:35 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>     | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|-------------------------|---------------------|---------------------------|---------------------------|
| Jaliese Ancheta Demello | Individual          | Oppose                    | No                        |

Comments:

I oppose of this my reason is if this happens we wont have access to cbd oil and it helps in so many ways with pain or arthritis instead of taking pills or medicationthe oil has helped so much. My nephew has ADHD and we give him a few drops when hes too hyper it calms him down instead of him taking pills which (mind you its hard to get him to take ) , my sisters husband just got back from deployment and cbd gummies has helped him calm down. Their are so many good it does for people. Once you put i dispensary the benefits are gonna be harder for people to get unless you have a card. Which is ridiculous. Its natural use. I believe it should be sold in stores too. It is not a drug. There benefits for it.

Should be concentrating on more important things then a natural oil.

Aloha jaliese

**SB-2274**

Submitted on: 2/9/2020 2:37:06 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Joan Heartfield PhD | Individual          | Oppose                    | No                        |

Comments:

This bill is a very bad bill. It is being lobbied by a GMO seed company on Molokai. It is not a bill for the people, but instead, it is for the large GMO corporations that want to bury the small farmer and take away local control and choice. We want to support our local farmers, and this would make it impossible for our local hemp farmers to make money.

This bill would make it illegal for small businesses and retail stores to make and sell CBD hemp products. That would mean that only a dispensary would be able to sell CBD, and each Hawaii citizen would have to get a 329 medical cannabis card to be able to get any CBD locally. This is unfair to local small business and CBD hemp growers that are putting out organic, good quality CBD oils and products.

Local CBD companies, shops, spas could not sell their products. All brands would disappear, leading to a monopoly, and this lack of competition leading to higher prices. Consumers would likely turn to the internet, buying products that could be unsafe.

If you care about small and local business, this bill makes no sense. It only supports Big Ag and GMO companies. Please vote a resounding NO on this bill.



**SB-2274**

Submitted on: 2/9/2020 2:46:39 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Brent Neal          | Individual          | Oppose                    | No                        |

Comments:

Aloha kakou,

My name is Brent Neal. I am a hemp expert, farmer/rancher and research assistant for a licensee participating in Hawaii's Industrial Hemp Research Pilot Program. I strongly oppose the passage of SB 2274. I believe the passage of this bill would be bad for the agricultural industry in Hawaii, would go against the intent of the Federal Agricultural Improvement Act of 2018, and would over regulate and obstruct the distribution of Hawaii grown hemp. SB 2274 would financially benefit the Dispensaries to the detriment of the rest of the community and should not pass. Mahalo for your time and attention to this important matter.

Sincerely,

Brent Neal

**SB-2274**

Submitted on: 2/9/2020 4:19:42 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Tara Sellars        | Individual          | Oppose                    | No                        |

Comments:

I'm strongly against this bill...Hemp derived CBD should be available to the public, it is Federally separated & not the same as high THC Cannabis derived CBD & therefore should NOT be regulated by the Medical Marijuana Dispensaries (since the latter is what they sell)...The dispensaries seem to care more about eliminating the competition & driving prices up to their own doorsteps, instead of the well being of the people of Hawaii. Thank you for your time & understanding on this matter.

**SB-2274**

Submitted on: 2/9/2020 5:46:39 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Diane Kanealii      | Individual          | Oppose                    | No                        |

Comments:

CBD should NOT be regulated under the Medical Marijuana regulations. It is made from a variety of Hemp but NOT the same thing. CBD does NOT have THC content and has been proven to help with pain and overall health.

Over Regulation can kill viable economic opportunities for Hawaii, we MUST diversify our industries to include products that can help reduce the need for other Pharmaceuticals that can be much more harmful with long term use.

**SB-2274**

Submitted on: 2/9/2020 8:25:22 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Brittney Gurrieri   | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 10:31:47 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Andrew Crossland    | Individual          | Oppose                    | No                        |

Comments:

Overregulation of Hemp and CBD products is unjust.

**SB-2274**

Submitted on: 2/9/2020 10:40:13 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Christian           | Individual          | Oppose                    | No                        |

Comments:

Please do not make CBD only avail from a dispensary. This will affect patients ability to access and prove fixing.

**SB-2274**

Submitted on: 2/9/2020 10:47:15 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Marcia Eovino       | Individual          | Oppose                    | No                        |

Comments:

I oppose SB 2274. I believe Hawaii farmers and the Department of Health should be supported.

**SB-2274**

Submitted on: 2/9/2020 10:12:16 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Me                  | Individual          | Oppose                    | No                        |

Comments:

Hawaii has eight dispensaries, ALL of them have shortage issues. Many patients rely on the acquisition of safe CBD to help with symptoms. Currently, there are several safe options available to our patients from reliable, lab tested and nationally vetted brands. This legislation is short-sighted and shows preference to our dispensaries who already have a monopoly in our state.



**SB-2274**

Submitted on: 2/10/2020 12:04:05 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Treva Cannady       | Individual          | Oppose                    | No                        |

Comments:

As an individual who meets at least 7 of the criteria to carry a 329 card, I would like to this opportunity to oppose the current bill SB2274 limiting the sale of CBD to dispensaries only. Moving forward with this bill would create a substantial monopoly for the 7 dispensaries Tjroughout the state and drive up costs for those already unfortunate enough to need to use this product. Hawaii in itself is a costly state to live and quite frankly it is not the rich that is in need of this product, but the hard working middle to lower class citizens of this beautiful state. While I can see how this may affect the quality of CBD out there, I think time would be better spent to focus on working with the FDA to put better regulations on the quality of CBD out there versus limiting the accessibility of the product. Transportation for only 7 dispensaries through out the state would make this even more challenging for those individuals trying to obtain this product which could also affect their overall cost. CBD works, why not let it work for the people by giving access to the product on a grander scale. Conversely, the local hemp farmers would also be at risk as sales of CBD being limited to the 7 dispensaries would not be enough to sustain their farms. I strongly oppose this bill as I cannot see how it will best benefit the people of Hawaii and the farmers of this wonderful product.

**SB-2274**

Submitted on: 2/10/2020 12:05:29 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Veronica M Lanier   | Individual          | Oppose                    | No                        |

Comments:

As a user of CBD and a 329 card holder, it has and continues to be important that those not possessing a 329 card still have access to the proven health benefits of CBD. I started using CBD prior to getting my 329 card and it helped me tremendously in so many ways. I do not see withholding this powerful remedy as a benefit to anyone. As a medical professional, I stand behind CBD - for myself, for my pets, for my friends and family. Everyone deserves the right to have access to CBD like any other supplement.

**SB-2274**

Submitted on: 2/10/2020 4:52:03 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Jill Barnattan      | Individual          | Oppose                    | No                        |

Comments:

Hello,

Although I agree with some parts of this bill. I am absolutely against several of the prohibitions related to commercially sold hemp products including the following....

- Unless approved by the department or sold with and through a physician or advanced practice registered nurse recommendation
- Manufactured, distributed, or sold as a cosmetic
- Added to cosmetics
- Marketed or sold as a dietary supplement

It is absolutely ludicrous to put such restrictions for use on a true hemp based product!

I believe these products should be able to be sold as both dietary supplements and ingredients in cosmetic products. I also firmly believe that hemp products do NOT need physician or advanced practice registered nurse recommendations for use. Cosmetics and supplements containing hemp derived CBD should be sold on the open market.

Thank you.

**SB-2274**

Submitted on: 2/10/2020 5:29:22 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dustin K Paradis    | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/9/2020 10:58:22 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Ashlie McGuire      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 6:26:23 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| yelda a             | Individual          | Oppose                    | No                        |

## Comments:

CBD is so beneficial to for a multitude of reasons that limiting its sales will be detrimental in the long run to people who cannot access it in dispensaries. I use it for my anxiety and pain without having to depend on prescriptions. Please don't limit access.

**SB-2274**

Submitted on: 2/10/2020 6:29:30 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Michelle Sampoang   | Individual          | Oppose                    | No                        |

Comments:

I oppose Bill SB2274. CBD should be available to any person wanting to use it or try a new healing method. CBD gives a more natural option for patients, and even helps with side effects of prescription drugs. The companies selling CBD not in dispensaries are well educated and passionate in CBD and it's effects. These companies, many local, should not have to lose their business.

**SB-2274**

Submitted on: 2/10/2020 6:23:34 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Ric Wirick          | Individual          | Oppose                    | No                        |

Comments:

I oppose this bill because CBD hemp should be classified as a natural medicine and not a corporate farm commodity. In addition, genetic modification (GM) and/ or genetic engineering (GE) of CBD hemp will add an even greater risk and threat to public health and welfare.

Oppose this bill -- do NOT put corporate profits over public safety and welfare!

Frederic Wirick



**SB-2274**

Submitted on: 2/10/2020 6:55:44 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Anne Wheelock       | Individual          | Oppose                    | No                        |

Comments:

Please vote NO on SB2274. There is no need to restrict sales of CBD to medical cannabis dispensaries. CBD has no psychoactive properties and provides many people with relief from medical ailments. Restricting CBD to the dispensaries will require people to get through barriers such as an appointment with a MD/APRN to get their medical cannabis certification and then to register with the DOH. This is time-consuming, increases the cost to the public, and many people will lose their access to CBD because they don't want to be associated with the medical cannabis community.

Again, vote NO on SB2274

Sincerely,

Anne Wheelock, R.Ph., M.S.

**SB-2274**

Submitted on: 2/10/2020 7:07:16 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Dan Goodfellow      | Individual          | Oppose                    | No                        |

Comments:

Allowing retail sales of CBD products makes sense to me. Many people in Hawaii are currently purchasing CBD products through their trusted retailers, whose reputation requires screening of their suppliers, or consumers move on. In addition, they will go back to ordering from the internet due to requirements of medical cards and higher prices.

I personally have found 2 CBD products that relieve me of muscle pain instead of ibuprofen, which is terrible for your body. I do not want to get a "marijuana" card in order to purchase this product, I don't use marijuana.

Please consider a no vote on this bill, and work on one that is in favor of the community as a whole, not just the dispensaries. Thank you,

**SB-2274**

Submitted on: 2/10/2020 7:12:42 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Sara Steiner        | Individual          | Oppose                    | No                        |

Comments:

Dear Senators Baker, Chang, Gabbard and Ruderman,

I strongly oppose this bill.

This bill is over-regulation and re-criminalizing hemp JUST WHEN HEMP WAS LEGALIZED BY THE FEDS. WITH THIS BILL, THE STATE OF HAWAII MAKES A COMPLETE MESS OF THE OPPORTUNITY FOR TRUE HEMP LEGALIZATION AND WILL KILL A TRUE AND EFFECTIVE HEMP INDUSTRY.

This ridiculous over-bureaucratic bill is looking exactly like Hawaii's medical cannabis laws - which is actually the State of Hawaii racketeering a controlled substance by creating and enforcing a state monopoly which only is available and/or affordable to the most wealth and therefore does not benefit Hawaii residents trying to participate in the program.

You have a chance to do this right, there is a better bill, SB2050, which hasn't gotten so convoluted yet, trash this and support that.

Mahalo,

Sara Steiner

pahoatoday@gmail.com

**SB-2274**

Submitted on: 2/10/2020 7:15:06 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lisa Levang         | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 6:44:35 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Barbara Best        | Individual          | Oppose                    | No                        |

Comments:

I support Hawaii Farmers Union United and their testimony on this bill. Hemp has so much potential in our state, from soil remediation to creating industries in clothing, food, building materials, etc. that it would be a shame to hamper hemp farmers, who claim this bill would put them out of business.

Mahalo

**baker8 - Jessica**

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**From:** U'i Powers <desertginger@hotmail.com>  
**Sent:** Sunday, February 9, 2020 9:10 PM  
**To:** CPH Testimony  
**Subject:** SB 2274 Vote NO

Your Web site won't let me in. I am voting NO on SB2274

Marilyn Powers  
200 Hina Ave  
Kahului, HI 96732

desertginger@hotmail.com

Please verify receipt.. thank you

Sent from [Mail](#) for Windows 10

**SB-2274**

Submitted on: 2/10/2020 8:31:52 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Lopaka              | Individual          | Oppose                    | No                        |

Comments:

NO!

**SB-2274**

Submitted on: 2/10/2020 8:33:07 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b>  | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|----------------------|---------------------|---------------------------|---------------------------|
| Elizabeth Winternitz | Individual          | Oppose                    | No                        |

Comments:

As a senior citizen and lifelong resident of Hawaii -- and a medical cannabis consumer -  
- I oppose this bill for the following reasons:

it's anti-science. Even a brief survey of peer-reviewed literature demonstrates unequivocally the health benefits of CBD. CBD, because of its very low THC content, does not get people "high."

It's anti-health: it will make access to safe, locally-grown plant-based meds difficult, forcing consumers to the black market or to rely exclusively on pharmaceuticals, which invariably have side effects, some quite serious.

It's anti farmer and anti local entrepreneurship -- please do everything you can to support local farmers and businesses! We need them!



**SB-2274**

Submitted on: 2/10/2020 8:36:17 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| jady milam          | Individual          | Oppose                    | No                        |

Comments:

Although I agree with wanting to ensure that all hemp products are coming from certified growers, but while you are doing so you are also denying people their rights to natural and holistic healing. In turn you are again promoting western medicine by making people see a doctor before being prescribed with a plant that is completely natural and safe.

**SB-2274**

Submitted on: 2/10/2020 9:03:00 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Tanya               | Individual          | Oppose                    | No                        |

Comments:

CBD helps to alleviate pain, helps people relax and sleep. This product is a lot safer than some of the legal pharmaceutical drugs and should remain available for public use. Please squash this bill.....for the people.

**SB-2274**

Submitted on: 2/10/2020 9:19:25 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| larry kiyohiro      | Individual          | Oppose                    | No                        |

Comments:

**SB-2274**

Submitted on: 2/10/2020 10:07:48 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Karen Reid          | Individual          | Oppose                    | No                        |

Comments:

Aloha,

I strongly urge you to oppose Senate Bill 2274 on behalf of hemp farmers and those who use hemp. SB2274 will result in excessive regulation of the hemp industry for farmers and make it almost impossible for farmers to participate in the cannabinoid market.

Mahalo,

Karen Reid

**SB-2274**

Submitted on: 2/10/2020 10:28:38 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| maria               | Individual          | Oppose                    | No                        |

Comments:

I highly oppose this!! This will have such a devastating impact on the lives of so many people in Hawaii. Also, keep in mind that this Will drive people to purchase online and take business away from Hawaii all together, regardless of what organization has the monopoly on CBD/Hemp in Hawaii.

**SB-2274**

Submitted on: 2/10/2020 10:28:24 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Frances             | Individual          | Oppose                    | No                        |

Comments:

CBD has no THC and should be available to the Public without limiting product to the Dispensaries. I highly Recommend that this Measure be Tabled or Deferred.

**SB-2274**

Submitted on: 2/10/2020 10:44:22 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Elmer Domingo       | Individual          | Oppose                    | No                        |

Comments:

I feel that restrictions like this to the common user is not beneficial. If i had easier use of the product my daughter would had been alive today. Because of prescribed medication it was more harmful for her during her heart conditon with she had passed away from. Please consider not to infringe a common use product to only a selected few. It should not hinder anyone to access a product that is helpfull fo the community.

**SB-2274**

Submitted on: 2/10/2020 11:42:50 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Boris Sztorch       | Individual          | Oppose                    | No                        |

Comments:

On behalf of the many senior citizens in Hawaii who suffer from debilitating neck, back, muscle and joint pain as I have for many years. Why is the Hawaii Legislature supporting unnecessary restrictions on our ability to acquire CBD-infused medications. Requiring seniors with limited financial resources to first obtain a 329 Medical Cannabis card so that can purchase CBD ointments, cremes and oils is expensive and inconvenient.. It is not smoke and is not dangerous. This year I paid over \$300 for a 329 card (2 years) which is a lot of money from my budget. Why require seniors to spend extra money and jump through extra hoops just to receive the benefits of CBD medicines. It doesn't make sense for a progressive state like Hawaii with its many seniors to limit access to these meds. Is it to raise money for government? This is sad. Please vote no on this bill that restricts access to how and where CDB products can be purchased. Thank you for your consideration.

Boris Sztorch



**SB-2274**

Submitted on: 2/10/2020 2:32:02 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

**LATE**

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Sierra Callihan     | Individual          | Oppose                    | No                        |

Comments:

**LATE**

**SB-2274**

Submitted on: 2/10/2020 2:34:11 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| Submitted By  | Organization | Testifier Position | Present at Hearing |
|---------------|--------------|--------------------|--------------------|
| Ansera Dupree | Individual   | Comments           | No                 |

Comments:

Ansera Dupree

Anserajr88@gmail.com

My Testimony on S.B. NO.2274

I would first like to begin with a greatful thanks to the Legislator for the ability to keep my personal informoration private allowing to myself to express my athuority to S.B. NO.2274 and as follows I will only provide their contact information ( messages@squaremktg.com, maliecannabisclinichi@gmail.com ) for providing me with the detailed Newsletters. As well as

Sen Rosalyn Baker – Chair of Senate Committee

on Commerce, Consumer Protection & Health

[senbaker@capitol.hawaii.gov](mailto:senbaker@capitol.hawaii.gov)

S.B. NO.2274 Is nearly perfect. I read over the S.B. NO.2274 and feel there are some major factors that will lead to several civil cause in justice. As proof i would like to reffer to "copy n' paste' ("**§141-36 Growing of industrial hemp; licensee responsibilities.**)

**This section informs the consumer that they can faced with prosecution under** Public Law 115-334. This section also informs the consumer of

Section 141-38, Hawaii Revised Statutes, is amended to read as follows:

("(**§141-38**) Violations)

Another postive outlook for S.B. NO.2274 is that it informs the consumer of

Section 329D-9, Hawaii Revised Statutes, is amended to read as follows:

**("[§329D-9] Manufacturing of medical cannabis products)**

**Allowing the consumer to understand that S.B NO.2274 is ment for medical use and reaserach only.**

**S.B. NO.2274 does not inform the consumer nor leads the consumer to believe in this to captialize for Recreational use.**

**S.B. NO.2274 does not inform the consumer of the ability to request additional records of research for recreational use.**

**S.B. NO.2274 does not inform the consumer of any liberal acts of recreational use.**

**This proves that S.B. NO.2274 is only nearly perfect and completly visiable to unfair private use.**

**LATE**

**SB-2274**

Submitted on: 2/10/2020 3:14:36 PM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Rebecca Mccarley    | Individual          | Oppose                    | No                        |

Comments:

"This market won't be big enough to support Hawaii's farmers because very few consumers will actually get a 329 Card just to buy CBD – they will simply turn to unregulated sources on the internet which will be cheaper and without any oversight by Hawaii's Department of Health."

One of the owners of the Hawaii state lab, Steephill Hawaii, also owns a private label CBD company. This is a conflict of interest and could potentially result in the overregulation of their competition by controlling lab test results, thus creating an disadvantage for other businesses.

As a medical cannabis patient myself, I have a specific brand of CBD for pain relief and anxiety. It's grown locally, manufactured locally, and tested locally. This is a small kamaaina business. The very businesses that we need to protect. They are able to consistently supply safe and clean medicine and keep it affordable! Where the dispensary OVERCHARGES for all of their products, pushing people to an illicit and possibly unsafe option. Also it would result in these businesses increasing cost of their products, then limiting sales and thus the ability to keep their brand afloat.

It is already hard enough as it is to own a business in Hawaii.

Requiring these businesses only sell to dispensaries creates an unfair monopoly of the market, I FIRMLY OPPOSE SB2274.

**LATE**

**SB-2274**

Submitted on: 2/10/2020 7:14:11 PM  
Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Danielle Ciccone    | Individual          | Oppose                    | No                        |

Comments:

I fully oppose this bill.

**SB-2274**

Submitted on: 2/10/2020 9:08:33 PM

Testimony for CPH on 2/11/2020 8:30:00 AM



| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| adam                | Individual          | Oppose                    | No                        |

Comments:

Local farmers would lose there opportunities to legally grow , process and sell there legal cbd products .

please oppose this bill untill a better solution can be resolved .

respectfully

Adam Siehr

**LATE**

**SB-2274**

Submitted on: 2/10/2020 10:42:04 PM  
Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Michelle Tippens    | Individual          | Oppose                    | No                        |

Comments:

Good morning members of the Committee, my name is Michelle Tippens. I am a voting member of the Hawaii community and reside in the Puna district of Hawaii Island.

This bill seeks to regulate a substance that is well vetted as safe and is a complete waste of the Legislature's time and the tax payer's money. I firmly oppose this bill in all iterations and further oppose the Legislature wasting any more time on Bills that do no more than pander to the baseless and unfounded hysteria of a limited few members of our community. The community in Hawaii has already made it clear that CBD products are wanted and accepted here in Hawaii by voting with their dollar. It would be ill-informed to create legislation that so clearly opposes what the community wants, particularly in an election year.

**LATE**

**SB-2274**

Submitted on: 2/11/2020 2:39:13 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Marina Shimada      | Individual          | Oppose                    | No                        |

Comments:

To whom it may concern,

CBD is proven to have many benefits and healing dproperties that should not be restricted to being sold only in dispensaries. This kind of limitation and control disables people of all walks of life to have access to such natural, beneficial plant. For example, we all excercise no matter what age, gender, ethnicity, etc. CBD is very beneficial to help with muscle soreness and recovery. It's ridiculous that someone who may want to use CBD to help would then need to obtain a doctors note with a qualifying condition in order to have access to it. Even for those who aren't exercising, we are all prone to muscle soreness, tightness, pulls, etc. CBD can help with those days when our bodies are aching and/or in some form of discomfort. Or perhaps you slept wrong and woke up with a kink in your neck. CBD can help alleviate this discomfort with the ease of running to the store to pick some up, versus calling the doctors and possibly needing to wait days/weeks/months to get in for a note. Therefore, this is something that should be freely accessible, no matter what.

In conclusion, I oppose this bill and also stand with Hawaii Hemp Farmers Association.

Thank you,

Marina Shimada



**LATE**

**SB-2274**

Submitted on: 2/11/2020 4:34:18 AM

Testimony for CPH on 2/11/2020 8:30:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Present at Hearing</b> |
|---------------------|---------------------|---------------------------|---------------------------|
| Kelly McClure       | Individual          | Oppose                    | No                        |

Comments:

It is crucial that Hawaii keeps Cannabidiol (CBD) in the hands of every islander. Having access to CBD helps the entire community. The benefits of CBD are scientifically proven, since it became federally legal and testing also became federally legal. Science has proven that every human and animal have an endocannabinoid system that regulates many functions of our bodies through CB1 and CB2 receptors, scattered throughout our bodies in different points. The cannabinoids in cannabis are nearly molecularly identical to our own endocannabinoids and have been proven to jump-start our own bodies healing properties. Cannabidiol (CBD), specifically, has proven anti-inflammatory and antibacterial properties. It is safe for both humans and animals and when I was a manager at a pet store that sold CBD we had many customers cry, sharing their testimonies with us. My co-manager had a dog with a brain tumor. He was starting to lose his vision out of one eye because the tumor was starting to protrude and interfere. His beloved pup was given 1 month to live. He ended up trying CBD oil and saw quick results. His dog began to regain his vision and stopped running into walls. That precious pup ended up staying around at least 5 more months, significantly improving the quality of his life. This story is not alone for thousands of pets and humans. Unproven, but shown in a long list of testimonies by myself and others, Cannabidiol (CBD) can help ease pain associated with many ailments including arthritis, reduce seizures resulting from epileptic conditions and others, provide a holistic alternative to cancer treatment for those not looking for a psychoactive treatment like THC, and endless other healing properties. Due to these noticeable often quickly appearing benefits, Cannabidiol (CBD) has helped countless lives, regain the confidence and feeling of a normal, healthy life again. Taking that away from the people again would be unfair. I personally use CBD for my arthritis and it makes a world of a difference. The fact that I legally have a way to get effective, herbal healing instead of consuming chemicals daily like I used to for arthritis and PTSD is a blessing and life saver itself. CBD helps everyone despite their age, background or even species. Both people with diagnosed conditions and something as simple as a headache can benefit from the effects of CBD. Nobody should have to pay fees to become a medical marijuana patient just to have access to CBD. Aside from the health benefits, it would be a great injustice to limit these local Hawaiian CBD companies to only be sold in dispensaries. This greatly limits their profits and ends up hurting the economy of Hawaii by taking money out of Hawaiians hands and in some cases may cause small, local, businesses to lose everything. It is both beneficial to each individual Hawaiian resident (old, young, animals), and also to the world, to continue allowing the sale of Cannabidiol

(CBD) in any and all retail stores throughout the islands of Hawaii, so each person has full access to initiating their own healing through a natural way. Thank you for taking the time to read my testimony, today.