LATE *Testimony submitted late may not be considered by the Committee for decision making purposes.

DAVID Y. IGE GOVERNOR

EMPLOYEES' RETIREMENT SYSTEM HAWAI'I EMPLOYER-UNION HEALTH BENEFITS TRUST FUND

OFFICE OF THE PUBLIC DEFENDER



CRAIG K. HIRAI DIRECTOR

GLORIA CHANG DEPUTY DIRECTOR

STATE OF HAWAI'I DEPARTMENT OF BUDGET AND FINANCE P.O. BOX 150 HONOLULU, HAWAI'I 96810-0150

ADMINISTRATIVE AND RESEARCH OFFICE BUDGET, PROGRAM PLANNING AND MANAGEMENT DIVISION FINANCIAL ADMINISTRATION DIVISION OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

WRITTEN ONLY TESTIMONY BY CRAIG K. HIRAI DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE TO THE HOUSE COMMITTEE ON AGRICULTURE ON HOUSE BILL NO. 1844

February 2, 2022 10:00 a.m. Room 325 and Videoconference

RELATING TO THE UNIVERISTY OF HAWAII

The Department of Budget and Finance (B&F) offers comments on this bill.

House Bill No. 1844 appropriates \$300,000 in general funds and establishes one

full-time equivalent agriculture coordinator position for FY 23 for the University of

Hawai'i College of Tropical Agriculture and Human Resources.

B&F notes that the federal Coronavirus Response and Relief Supplemental

Appropriations Act requires that states receiving Elementary and Secondary School

Emergency Relief (ESSER) II funds and Governor's Emergency Education Relief II

funds must maintain state support for:

- Elementary and secondary education in FY 22 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

Further, the federal American Rescue Plan (ARP) Act requires that states receiving ARP ESSER funds must maintain state support for:

- Elementary and secondary education in FY 22 and FY 23 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 and FY 23 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

The U.S. Department of Education has issued rules governing how these maintenance of effort (MOE) requirements are to be administered. B&F will be working with the money committees of the Legislature to ensure that the State of Hawai'i complies with these ESSER MOE requirements.

Thank you for your consideration of our comments.

HB-1844 Submitted on: 1/30/2022 3:38:02 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------------------------------|--------------------|-------------------------------|
| Ming Wei Koh | Center for Getting Things Started | Support | No |

Comments:

Center for Getting Things Started strongly advocates for more resources in Agriculture Education to **#fixourfoodsystem**.

The University of Hawaii Manoa is an R1 institution, and yet does not offer an Agriculture Education program or degree. Effective PDS - professional development systems - are a result of strong partnerships between universities and schools. There is currently no focus on Agriculture Education at the UH system and thus a huge gap in teacher development in that field.

This gap has been filled for more than a decade by small non-profits such as the Hawai'i Farm to School Hui and Center for Getting Things Started. We have written grant proposal after grant proposal to raise funds for this work and conducted over 20 Hawaii Dept. of Education (HIDOE) approved Agricuture Education/Food Systems teacher trainings. A result of our work is a HIDOE approved High School course for science credits - ACCN SIF3503 Sustainable Food Systems. At least 5 high schools across the state are rolling out this course with multiple sections. Again, almost all the work for this has been at the grassroots level.

It is time this work is committed at the state level with the corresponding resources.

Center for Getting Things Started strongly supports HB1844.

Koh Ming Wei, PhD

Executive Director/Ecoliteracy Educator

mingwei@c4gts.org

(808) 443 9231





HOUSE OF REPRESENTATIVES THE THIRTY-FIRST LEGISLATURE REGULAR SESSION OF 2022

COMMITTEE ON AGRICULTURE Rep. Mark J. Hashem, Chair Rep. Amy A. Perruso, Vice Chair

NOTICE OF HEARING Wednesday, February 2, 2022 10:00 a.m. VIA VIDEOCONFERENCE Conference Room 325 State Capitol 415 South Beretania Street

HB1844: RELATING TO THE UNIVERSITY OF HAWAII

My name is Eric S. Tanouye and I am the President for the Hawaii Floriculture and Nursery Association. HFNA is a statewide umbrella organization with approximately 300 members. Our membership is made up with breeders, hybridizers, propagators, growers, shippers, wholesalers, retailers, educators, and the allied industry, which supports our efforts in agriculture.

The Hawaii Floriculture and Nursery Association (HFNA) **STRONGLY SUPPORTS** House Bill 1844

We have had the privilege to find that UH CTAHR specialists and agents are knowledgeable and an important tool for the nurserymen and women of Hawaii.

We ask that you support CTAHR and appropriate funds to allow for one full-time agriculture education coordinator position.

If you have any questions at this time, I would be happy to discuss them and can be reached by phone at 808-959-3535 ext 22, cell 960-1433 and email eric@greenpointnursery.com.

Supporting Agriculture and Hawaii,

Eric S. Tanouye

President / Hawaii Floriculture and Nursery Association



P.O. Box 253, Kunia, Hawai'i 96759 Phone: (808) 848-2074; Fax: (808) 848-1921 e-mail info@hfbf.org; www.hfbf.org

February 2, 2022

HEARING BEFORE THE HOUSE COMMITTEE ON AGRICULTURE

TESTIMONY ON HB 1844 RELATING TO THE UNIVERSITY OF HAWAII

Conference Room 325 & Videoconference 10:00 AM

Aloha Chair Hashem, Vice-Chair Perruso, and Members of the Committee:

I am Brian Miyamoto, Executive Director of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,800 farm family members statewide and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic, and educational interests of our diverse agricultural community.

The Hawaii Farm Bureau supports HB 1717, which appropriates funds to the University of Hawaii for the College of Tropical Agriculture and Human Resources to establish one full-time agriculture education coordinator position.

It is commonly known that the average age of a farmer in Hawaii is approximately 60 years old. For agriculture to be sustainable, and to produce more local crops we, as a society, must cultivate the next generation of farmers and ranchers.

The Hawaii Department of Labor and Industrial Relations undertook a series of facilitated meetings with farmers, ranchers, educators, and a diverse group of stakeholders across the state between 2007 and 2011 to address Ag Labor. The Hawaii Agriculture Skill Panel Report was the result of the stakeholder meetings. The report made a number of recommendations, of which several common themes emerged. #1 of those themes was "Increasing youth education and training".

In 2013, the Hawaii State Legislature saw fit to establish the Agriculture Workforce Advisory Board via HB 749 of that year. This Board convenes, in part, to execute the recommendations of the Hawaii Agriculture Skill Panel Report. This board established a program by which educators and school administrators can be exposed and incentivized to adopt existing broad-based agricultural curriculums. This was an important step toward the future of agriculture in Hawaii.

In 2015, Hawaii State Senate Resolution No. 80 requested that the UH-Manoa College of Tropical Agriculture and Human Resources (CTAHR) develop an "implementation strategy and recommendations for the creation of a statewide coordinated framework of support for P–20 agriculture education, including any proposed legislation." SR 80 sought to build upon the expertise of CTAHR and create a coordinated effort to address Ag education. It bears mentioning that CTAHR currently serves on the Ag Workforce Development Advisory Board.

HFB supports initiatives that help to educate and reconnect our children with agriculture. Through agriculture education programs, our children will gain an understanding and appreciation for agriculture which will result in healthier eating habits, stronger support for Hawaii's agriculture industry, and will contribute to Hawaii's food security. We still have a long way to go to educate our children about agriculture. Creating an agriculture education coordinator position is another tool that will help in the education process. It is an investment to have well-informed consumers and supporters of Hawaii's agricultural industry in the future.

Thank you for the opportunity to provide testimony on this measure



UNIVERSITY OF HAWAI'I SYSTEM

Legislative Testimony

Testimony Presented Before the House Committee on Agriculture Wednesday, February 2, 2022 at 10:00 a.m. By Nicholas Comerford, Dean College of Tropical Agriculture and Human Resources And Michael Bruno, PhD Provost University of Hawai'i at Mānoa

HB 1844 - RELATING TO THE UNIVERSITY OF HAWAII

Chair Hashem, Vice Chair Perruso, and members of the House Committee on Agriculture:

Thank you for the opportunity to provide testimony in <u>support</u> of HB 1844 that proposes a full-time agricultural education coordinator in the College of Tropical Agriculture and Human Resources (CTAHR), University of Hawai'i at Mānoa.

As mentioned in HB 1844, CTAHR convened the P-20 Agriculture Education Working Group and the major recommendation contained in the group's final report to the 2019 legislature was the recommendation to appoint an agriculture education coordinator. This bill is a continuing attempt to act on that recommendation.

HB 1844 states that developing the agriculture education programs and hiring the coordinator to oversee and enhance them state-wide will result in solving one of the problems associated with Hawai'i agriculture...namely the perceived lack of new farmers.

We believe that the work done by the Working Group was highly collaborative and valuable; and that the need for such a program is justified. If such a bill is passed and funded, the agriculture education coordinator would be stationed in CTAHR. Under that assumption, this would be a full-time staff position, Education Specialist, within the office of the Associate Dean of Academic and Student Affairs in CTAHR. This position would support the on-going work that already exists in CTAHR with outreach to schools within Hawai'i including:

- the Hawai'i OneAg program that includes nearly all community college and 4year agriculture programs in the UH system,
- Gene-ius Day classes for students in grades 1-12,
- mentoring programs in grades 9-12 at Hawai'i Title I schools, and

• the Hawai'i AgDiscovery program for high school students.

However, it must also be realized that the major outcome of such a program may not be a new breed of farmers, but a much better educated electorate; with a possible interest in post-secondary education in agriculture and natural resource fields.

The CTAHR experience in new farmer training is epitomized by the GoFarm Hawai'i program. This program has for the past 8 years trained and graduated between 50 to 70 certified farmers per year, totaling more than 400 new farmers in the state. Seventy percent of these graduates remain in farming either on their own farms or are employed as farmers.

GoFarm Hawai'i has found over the years that the success of new farmers is a function of real life, hands-on training in the operation of crop production and the agribusiness of farming. All of this is packaged in a passion to do the hard work required of farming given the potentially low profit margin facing most farmers. To be successful even these new farmers need access to land, capital investment and continued education and assistance. GoFarm Hawai'i's experience is that when this is done through a classroom environment, it often does not identify those with the real passion for the job. Expectations should be realistic.

In summary, the University of Hawaii supports HB 1844 as this fits the basic mission of CTAHR, and provided that its passage does not replace or adversely impact priorities as indicated in our BOR Approved Budget.

Submitted on: 2/1/2022 8:57:56 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|----------------|---------------------------|-------------------------------|
| scott lacasse | Grow Some Good | Support | No |

Comments:

Grow Some Good supports the creation of an Agricultural Education Coordinator to help coordinate food systems education, establish curricular alignment with P20 initiatives, support agricultural educators, and increase the capacity of our food system.



| Date: | February 1, 2022 |
|----------|--|
| То: | Representative Mark Hashem, Chair Representative Amy Perruso, Vice Chair Members of the House Committee on Agriculture |
| From: | Lydi Bernal, Hawaiʻi Farm to School Hui Coordinator |
| Re: | STRONG SUPPORT for HB1844, Relating to the University of Hawai'i |
| Hearing: | February 2, 2022 at 10:00am Via Videoconference |

On behalf of the Hawai'i Farm to School Hui, thank you for the opportunity to testify in **strong support of HB1844**, which appropriates funds to the University of Hawai'i for the College of Tropical Agriculture and Human Resources (UH CTAHR) to establish one full-time agriculture education coordinator position.

Since the passage of Senate Resolution 80 in 2015, the Hawai'i Farm to School Hui has worked with UH CTAHR to convene the P-20 Agriculture Education Working Group for the purposes developing a coordinated framework of support for preschool through post-secondary (P-20) agriculture education in Hawai'i.

As outlined in the group's final report to the 2019 legislature (DC149) and provided for in HB1844, the **Agriculture Education Coordinator position within UH CTAHR is essential** for continuing and expanding this work to advance a coordinated statewide approach to regenerating Hawaii's community food systems through regular and equitable access to agriculture and food systems education for all students.

This bill addresses the pressing need for **immediate and sustained investment by the state in agriculture and food systems education** in order to advance Hawaii's food security and food self-sufficiency through the development of agriculture educators, future farmers, and a society that understands, supports, and actively participates in regenerating Hawaii's community food systems.

The **Hawai'i Farm to School Hui** is a statewide network comprising five Island Networks and over forty public-private entities with a collective mission to strengthen Hawaii's farm to school movement. The three pillars of successful farm to school programs are: 1) school gardens and on-campus farms, 2) food education, and 3) school food improvements through local procurement. The Hui formed in 2010 and is a program of Hawai'i Public Health Institute.

Thank you for your strong support of agriculture education!

Me Ke Aloha, Lydi Bernal Hawaiʻi Farm to School Hui Coordinator



Officers Vincent Mina State President HFUU

Anabella Bruch Vice-President HFUU

Maureen Datta Secretary HFUU

Reba Lopez HFUU Treasurer

Chapter Presidents

Dash Kuhr Kohala, Hawai'i

Drake Weinert, East Hawai'i

> Steve Lund Puna, Hawai'i

Andrea Drayer K'au, Hawaii

Maureen Datta Kona, Hawai'i

Robert Boudreaux Hana, Maui

Reba Lopez Haleakala, Maui

Bobby Pahia Mauna Kahalawai, Maui

> Kaipo Kekona Lahaina, Mau

Brynn Foster North Shore, Oahu

Christian Zuckerman Wai'anae, Oahu

Vincent Kimura Waimanalo, Oahu

Anabella Bruch Kauai Aloha Chair Hashem, Vice Chair Perruso, and Committee members,

The Hawaii Farmers Union United (HFUU) is a 501(c)(5) agricultural advocacy nonprofit representing a network of over 2,500 family farmers and their supporters across the Hawai'ian islands. **HFUU strongly supports HB1844** to establish a full-time agriculture education coordinator position at the University of Hawai'i for the College of Tropical Agriculture and Human Resources (CTAHR).

The P-20 Agriculture Education Working Group's <u>final report to the 2019 legislature</u> (DC149) highlights that **the Agriculture Education Coordinator position within UH CTAHR is essential** for continuing and expanding work to advance a coordinated statewide approach to regenerating Hawaii's community food systems through regular and equitable access to agriculture and food systems education for all students.

Increasing the number of farmers who grow food is a key facet of the HFUU statewide strategic plan, and a critical component of meeting State goals for increasing food security and agricultural self-sufficiency. To grow our next generation of farmers, support is critical for this and similar bills. For these reasons we ask you to support HB1844.

Mahalo for the opportunity to testify.

Vincent Mina President HFUU/HFUF

Submitted on: 1/29/2022 3:36:41 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Kelsey Amos | Individual | Support | No |

Comments:

This is an important step in updating education in our state to better include agriculture education. #fixourfoodsystem

HB-1844 Submitted on: 1/29/2022 6:16:04 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Judith White | Individual | Support | No |

Comments:

Please sort this bill to fund an agricultural education position. Our keiki deserve better nutrition.

Submitted on: 1/30/2022 8:28:29 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|-----------------|--------------|---------------------------|-------------------------------|
| Anne C Anderson | Individual | Support | No |

Comments:

I thoroughly support agricultural education here in Hawaii. The next generation is absolutely going to have to know how to grow their own food. Hawaii will be a safer and better place if we can produce the food we consume.

HB-1844

Submitted on: 1/30/2022 2:16:36 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|--------------------|-------------------------------|
| Karen | Individual | Support | No |

Comments:

Support HB1844, funding an agricultural education position in CTAHR.

I support this bill as a means of providing financial assistance to enable an agricultural education program that will have a dynamic affect on students, agriculture and the Hawaiian culture. Agriculture needs to be understood, and skills and knowledge needs to be shared with students, in order for agriculture to survive. Our food supply will be hindered if HB1844 is not passed. Agricultural knowledge has been and should continue to be shared with the younger generation. HB1844 can enable this sharing of knowledge on a broader spectrum. Thank you for supporting HB1844.

HB-1844 Submitted on: 1/30/2022 2:37:33 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Anne Borman | Individual | Support | No |

Comments:

I am in full support of HB1844.

Submitted on: 1/30/2022 3:36:20 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|--------------------|-------------------------------|
| Sharlene Gee | Individual | Support | No |

Comments:

Agriculture education is key to the development of future farmers and to a society that values and understands the vital role of agriculture and to increase Hawaii's food security and self-sufficiency.

HB-1844 Submitted on: 1/30/2022 6:03:42 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|-----------------|--------------|--------------------|-------------------------------|
| Alicia Starsong | Individual | Support | No |

Comments:

I support agriculture education in the state

Submitted on: 1/30/2022 7:29:03 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Sub | mitted By | Organization | Testifier Position | Remote Testimony Requested |
|------|------------|--------------|---------------------------|-------------------------------|
| Greg | ory Wilber | Individual | Support | No |

Comments:

As a concerned citizen, I fully support HB1844.

There is nothing more crucial in the light of climate change and food insecurity to increase access to agriculture and food systems education. I am personally one of those farmers, mentioned in the bill who is aging, and want the generations to come to be informed and involved. The state has to play a huge role in this so that the efforts are concerted and collaborative.

Mahalo nui loa.

Gregory Paul Wilber

Hawaii Island

HB-1844 Submitted on: 1/30/2022 8:27:35 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Eva Wilder | Individual | Support | No |

Comments:

I support this measure.

Submitted on: 1/30/2022 9:05:46 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| Laura Ramirez | Individual | Support | No |

Comments:

Aloha,

Please support this bill to fund an agriculture education position in CTAHR. We must support agriculture education in the state and create a network and community based pathway for teachers to improve the future of our keiki and the 'aina.

Mahalo,

Laura Ramirez and the Bettencourt family

Submitted on: 1/30/2022 10:47:06 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| _ | Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---|--------------|--------------|---------------------------|-------------------------------|
| | Malia Hayes | Individual | Support | No |

Comments:

Support one full-time agriculture education coordinator position - We all need to eat and eating fresh, locally-grown food is the most nutritious and sustainable option. But, if our Hawai'i farmers are approximately 60-years old, then we will run of farmers as they retire. Therefore, we need to support the education of younger farmers to maintain production of fresh, local food. Furthermore, we are at risk of food shortages - if transportation of food via ships and ports is inturrupted for any reason (e.g. supply chian issues, storm damage to ports), then we must have productive farms in all of our communities to keep food on our plates. So, we need more educators to inspire the next generation of farmers. Mahalo.

HB-1844 Submitted on: 1/31/2022 8:59:24 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitte | d By Organiza | tion Testifier Posi | ition Requested |
|------------|----------------|---------------------|-----------------|
| Kirstin Ka | haloa Individu | ual Support | No |

Comments:

Mahalo for supporting this bill! It is important!

HB-1844 Submitted on: 1/31/2022 9:02:29 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|----------------|--------------|--------------------|-------------------------------|
| Sharon Shields | Individual | Support | No |

Comments:

#fixourfoodsystem. I support this bill!

Submitted on: 1/31/2022 9:11:44 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| Kris Bordessa | Individual | Support | No |

Comments:

It's time to #fixourfoodsystem and one great way to do that is to educate people about growing food. Please support funding an agriculture education position at CTAHR.

Thank you,

Kris Bordessa

HB-1844 Submitted on: 1/31/2022 10:20:29 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|------------------|--------------|---------------------------|-------------------------------|
| Caroline Azelski | Individual | Support | No |

Comments:

Please support **#fixourfoodsystem.**

HB-1844 Submitted on: 1/31/2022 12:12:16 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Rivah Winter | Individual | Support | No |

Comments:

I am in support of this bill, which will help to empower Hawaii's food system.

Submitted on: 1/31/2022 12:23:39 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|--------------------|-------------------------------|
| Anna Symonds | Individual | Support | No |

Comments:

This program will support food access and health, as well as education. It will help to strengthen Hawai'i self-sufficient agriculture. Studies show the positive impacts of farm to school programs in the areas of economic development, public health, community engagement, education, and the environment. As reported in the <u>Benefits of Farm to School</u> document published by the <u>National Farm to School Network</u>, the proven health-related benefits of farm to school programs include increases in fruit and vegetable consumption by students and demonstrated willingness to try new foods and healthier options. These benefits are especially evident when hands-on, foodbased activities—such as school gardens and nutrition education—are offered in conjunction with healthier school food.

HB-1844 Submitted on: 1/31/2022 12:32:06 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| Lisa DeSantis | Individual | Support | No |

Comments:

I support HB1844.

Submitted on: 1/31/2022 4:27:24 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|--------------------|-------------------------------|
| Kane M | Individual | Support | No |

Comments:

Whereas Hawaii has a significant depenance on imported food, whereas supply chain issues exist around the world, whereas energy costs are rising, whereas food costs are rising, it will be extremely important for the residents of Hawaii to have a secure food source.

This bill will go a long way to establish the education to facilitating a shift away from imports to domestically grown food. Not only will this secure food for Hawaii residents, but it will also insure the money spent on food remains in the local economy which is critical for maintaining velocity of money, the real mmechanism for increasing wealth.

Submitted on: 1/31/2022 4:33:14 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| Havilah Mills | Individual | Support | No |

Comments:

Now, more than ever, we need to better support agriculture education in the state! Covid taught us how fragile our food systems are here in Hawaii. We need to become more food secure. This will help us meet the Hawai'i Public Health Institute's mission of realizing "...a holistic education system that renews our relationship to food, farming, and the environment, improves health, and raises academic achievement..." where Hawai'i is "a center for agro-ecological education and food production and a model of regenerative community food systems for the Pacific and the world."

Submitted on: 1/31/2022 4:58:20 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|------------------|--------------|--------------------|-------------------------------|
| Virginia Tincher | Individual | Support | No |

Comments:

I urge you to support the recommendation of the University of Hawaii college of tropical agriculture and human resources agriculture education working group to fund a coordinator position to effectively increase agriculture education. I've listened to several seminars by new farmers who attribute their success to the education they received from the Go Farm Hawaii program showing the progress that can be achieved through more education. We use the local Oahu companies Aloha Fresh and Farmlink and love the fresh food and Hawaii made products we get each week. It's a important contribution to our diet.

Submitted on: 1/31/2022 7:38:58 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Dylan Ramos | Individual | Support | No |

Comments:

Aloha Chair Hashem, Vice Chair Perruso, and AGR Committee Members,

Between the long history of agriculture in Hawaii and the current need to fix our food and economic systems, it is a wonder why the position funded by this bill doesn't already exist. Food security, food independence, and food sovereignty education can all be improved if the University of Hawaii takes the matter seriously; botany, soil science, water and land management, industrial agriculture, regenerative farming, permaculture -- all these concepts and more are key to a comprehensive sustainability model. By funding a UH CTAHR position specifically charged with the synthesis and promotion of these ideas, Hawaii can make a true commitment to both the 'āina and its people.

Mahalo, Dylan Ramos

Submitted on: 1/31/2022 9:45:20 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| _ | Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---|--------------|--------------|---------------------------|-------------------------------|
| | lauren bell | Individual | Support | No |

Comments:

#fixourfoodsystem

I work on a farm and at a school as a garden teacher. Farming and environmental is needed more than ever in the coming generations. Please support our future.

HB-1844 Submitted on: 1/31/2022 11:16:45 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Robert Bence | Individual | Support | No |

Comments:

aloha support HB1844 and UH CTAHR position mahalo

HB-1844 Submitted on: 2/1/2022 12:21:03 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submi | tted By | Organization | Testifier Position | Remote Testimony Requested |
|--------|---------|--------------|---------------------------|-------------------------------|
| Robert | Bence | Individual | Support | No |

Comments:

Aloha I support HB1864 for schools to be able to have fresh local food mahalo

Submitted on: 2/1/2022 7:19:37 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|------------------|--------------|--------------------|-------------------------------|
| Merideth | Individual | Support | No |

Comments:

As a teacher who has first hand seen children flourish when learning outdoors. Appreciation of nature and where food comes from is crucial for future generations to value for their own well-being. #fixourfoodsystem

HB-1844 Submitted on: 2/1/2022 9:12:51 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| _ | Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---|---------------|--------------|--------------------|-------------------------------|
| | Steven Whaley | Individual | Support | No |

Comments:

I support this bill.

HB-1844 Submitted on: 2/1/2022 9:16:15 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| Felix D'Souza | Individual | Support | No |

Comments:

I support funding an agriculture education position in CTAHR. #fixourfoodsystem

Submitted on: 2/1/2022 9:59:06 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| | Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---|-------------------|--------------|---------------------------|-------------------------------|
|] | Fierra Bartolotti | Individual | Support | No |

Comments:

Aloha Hawai'i State Legislators,

I stand in support for HB 1844. However, I feel it is important to note that a lot of the research work done at UH Manoa is really focused on powering an agricultural research sector, rather than a research sector on Hawaiian agriculture. Although CTAHR engages in a lot of high level research and collaborations which is often times foundational science — the practicality and the implementation of that research for Hawai'i is often times lacking. Therefore I am recommending that the CTAHR agricultural coordinator position be tasked with addressing how the University can get more into the application, needs, and problems of Hawai'i's local food system barriers — rather than just theoretical foundational science questions. Equipping, educating, and preparing the next generation of Hawai'i's farmers is an integral part of building local resiliency within our local food system.

Submitted on: 2/1/2022 12:00:48 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| Lauren Nelson | Individual | Support | No |

Comments:

I support HB1844 because funding an agriculture education position in CTAHR is essential to building food sovereignty, nutrition security and health in Hawai'i.

LATE *Testimony submitted late may not be considered by the Committee for decision making purposes.

<u>HB-1844</u>

Submitted on: 2/1/2022 12:45:45 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|---------------|--------------|--------------------|-------------------------------|
| shantee brown | Individual | Support | No |

Comments:

Submitted on: 2/1/2022 1:19:30 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|----------------|--------------|--------------------|-------------------------------|
| Donna Therrien | Individual | Support | No |

Comments:

Please appropriates funds to the University of Hawaii for the College of Tropical Agriculture and Human Resources to establish one full-time agriculture education coordinator position.

Submitted on: 2/1/2022 2:06:13 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Nanea Lo | Individual | Support | No |

Comments:

Hello,

My name is Nanea Lo. I come from Papakōlea, Oʻahu. I'm a Kanaka Maoli (Native Hawaiian) born and raised in the Hawaiian Kingdom. I'm writing in full support of HB1844.

It is important for the University of Hawaii for the College of Tropical Agriculture and Human Resources to establish one full-time agriculture education coordinator position.

me ke aloha 'āina,

Nanea Lo

Submitted on: 2/1/2022 5:20:49 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Sam Kakazu | Individual | Support | No |

Comments:

HB1844 is a subsequent step towards implemention of HB767 (Act 175), whereas, an Ag Education Coordinator at UHCTAHR will help facilitate the marriage between the UHCOE, UHCTAHR and the HIDOE in educating children and the community in nutrition, the local fresh food system, further establishing the Natural Resources Pathway and listing of careers in the green force on platforms that are used by educators statewide.

Submitted on: 2/1/2022 9:22:41 PM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|---------------------------|-------------------------------|
| Sage Loomis | Individual | Support | No |

Comments:

I am in support of this bill. Having an educator position will make a huge difference in creating our next generation of farmers.

LATE *Testimony submitted late may not be considered by the Committee for decision making purposes.

<u>HB-1844</u>

Submitted on: 2/2/2022 9:31:39 AM Testimony for AGR on 2/2/2022 10:00:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|------------------|--------------|--------------------|-------------------------------|
| joann sarubbi md | Individual | Support | No |

Comments:

TESTIFYING TO SUPPORT AGRICULTURAL EDUCATION IN THE STATE. WE NEED TO BECOME MORE SUSTAINABLE AS AN ISLAND NATION