

DAVID Y. IGE  
GOVERNOR

DOUGLAS S. CHIN  
LIEUTENANT GOVERNOR



LEONARD HOSHIJO  
DIRECTOR

**STATE OF HAWAII  
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS**

830 PUNCHBOWL STREET, ROOM 321  
HONOLULU, HAWAII 96813

[www.labor.hawaii.gov](http://www.labor.hawaii.gov)

Phone: (808) 586-8844 / Fax: (808) 586-9099

Email: [dlir.director@hawaii.gov](mailto:dlir.director@hawaii.gov)

February 21, 2018

To: The Honorable Sylvia Luke, Chair;  
The Honorable Ty J.K. Cullen, Vice Chair; and  
Members of the House Committee on Finance

Date: Thursday, February 22, 2018  
Time: 1:30pm  
Place: Conference Room 308, State Capitol

From: Leonard Hoshijo, Director  
Department of Labor and Industrial Relations (DLIR)

**Re: H.B. No. 2115 HD1 Relating to Agriculture**

**I. OVERVIEW OF PROPOSED LEGISLATION**

HB2115HD1 proposes to appropriate funds to continue the work of the agriculture workforce development pipeline initiative to conduct training on all islands for teachers, school administrators, and students in agriculture self-sufficiency.

The department supports this measure if it does not affect the priorities identified in the Governor's Supplemental Budget request.

**II. CURRENT LAW**

Act 229 (SLH, 2016, §371-21) initiated the effort to provide agriculture self-sufficiency training to Hawaii's public schools. The Hawaii Agriculture Workforce Advisory Board recommended accomplishing the goals of Act 229 through three (3) specific activities:

1. A two-week training program for high school teachers using Curriculum for Agricultural Science Education (CASE) Institute hosted by University of Hawaii College of Tropical Agriculture and Human Resources (CTAHR) in close collaboration with State Department of Education (DOE);
2. Purchase of supplies and small lab equipment for the teachers to carry out the CASE curriculum in their classrooms; and

3. A two-day Future Farmers of America (FFA) workshop for its teacher-advisors in Natural Sciences.

**CASE teacher training.** CTAHR, in partnership with DOE, hosted the CASE training at their UH Manoa campus in June 2017. CASE curriculum is widely known among agricultural science teachers as a high-quality, standardized curriculum, designed for fundamentals as well as more advanced training. This training was intended to give teachers more tools and curriculum options for teaching agricultural sciences.

The program provided thirteen Hawaii high school teachers, including one from Kauai High School and one from Konawaena High School, with the foundation and resources to introduce students to a range of agricultural opportunities and pathways of study. All teachers at the end of the institute were positive about the class and planned to use the CASE curriculum in their classrooms for school year 2017-2018.

**Supplies for Classrooms.** DOE allocated funds for classroom supplies to eight of the high schools whose teachers attended the training. These schools purchased agricultural science supplies and small lab equipment so that their teachers could fully implement the CASE curriculum.

**FFA Workshop for Teacher-Advisors.** DOE conducted a two-day workshop (July 27 and July 28, 2017) at the Monsanto facilities in Kunia for current, new or prospective FFA Advisors currently teaching in the Natural Resources Career Pathway. Ten teachers from eight schools participated. Attendees learned about the value of FFA members in promoting leadership and agricultural education; received training on managing FFA chapters; and reviewed and discussed Hawaii Agricultural Education and FFA Strategic Plans.

#### **Benefits.**

An unexpected benefit of the funding provided by the Legislature has been the wide scope of teachers attending the CASE training with 65% of attendees from fields other than agriculture. Their newly growing interest in agricultural sciences should increase the number of students exposed to agricultural science.

A goal of the of the State Legislature through Act 229 and Act 099 (SLH, 2013) (which established the Hawaii Agriculture Workforce Advisory Board) is to expand the pipeline of agricultural workers to address pending shortages in Hawaii's agricultural workforce. One of the objectives was to reverse the drastically declining membership in Hawaii FFA chapters in public secondary schools.

Through support for FFA members and teachers via workshops each year for the past three years, this objective was accomplished: ***from a low of 126 members and 10 participating high schools in 2014, there was a remarkable increase to 311 members and 16 high schools in 2016, an increase of 147% and 60% respectively.***

These outcomes demonstrate how limited funding provided by the Legislature to the Department over the past few years has generated a disproportionately high amount of interest and excitement about agriculture among students and teachers in the State's public schools.

### **III. COMMENTS ON THE HOUSE BILL**

To capitalize on the momentum generated by Act 229, the Department supports the measure to provide funding for teacher training to continue and expand the efforts of creating a pipeline of agricultural science workers for Hawaii's agricultural self-sufficiency, provided it does not conflict with the Governor's budget priorities.



STATE OF HAWAII  
DEPARTMENT OF EDUCATION  
P.O. BOX 2360  
HONOLULU, HAWAII 96804

**Date:** 02/22/2018  
**Time:** 01:30 PM  
**Location:** 308  
**Committee:** House Finance

**Department:** Education  
**Person Testifying:** Dr. Christina M. Kishimoto, Superintendent of Education  
**Title of Bill:** HB 2115, HD1 RELATING TO AGRICULTURE.  
**Purpose of Bill:** Appropriates funds to the department of labor and industrial relations for the K-12 agriculture workforce development pipeline initiative. (HB2115 HD1)

**Department's Position:**

The Department of Education supports HB 2115 HD1 to continue the work of the K-12 agriculture workforce development pipeline initiative to conduct training for teachers and school administrators in agricultural self-sufficiency, but defers to the Department of Labor and Industrial Relations for any administrative or budgetary implementation concerns.

Thank you for this opportunity to testify on this measure.

The Hawaii State Department of Education seeks to advance the goals of the Strategic Plan which is focused on student success, staff success, and successful systems of support. This is achieved through targeted work around three impact strategies: school design, student voice, and teacher collaboration. Detailed information is available at [www.hawaiipublicschools.org](http://www.hawaiipublicschools.org).

DAVID Y. IGE  
Governor

DOUGLAS S. CHIN  
Lt. Governor



SCOTT E. ENRIGHT  
Chairperson, Board of Agriculture

PHYLLIS SHIMABUKURO-GEISER  
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 SCOTT E. ENRIGHT  
CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE HOUSE COMMITTEE ON FINANCE**

**FEBRUARY 22, 2018  
1:30 P.M.  
CONFERENCE ROOM 308**

**HOUSE BILL NO. 2115 HD1  
RELATING TO AGRICULTURE**

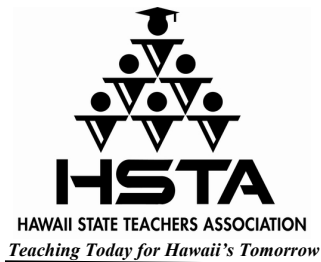
Chairperson Luke and Members of the Committee:

Thank you for the opportunity to testify on House Bill No. 2115 HD1. This bill provides funding for the continued work of the K-12 agriculture workforce development pipeline initiative in the Department of Labor and Industrial Relations (DLIR) to conduct trainings for teachers and school administrators in agricultural self-sufficiency on all islands. The Department supports this bill but would defer to the DLIR.

The Department participated in the Agriculture Workforce Advisory Board that was created by Act 99, Session Laws of Hawaii 2013. Along with the DLIR, Department of Education, University of Hawaii, Hawaii Farm Bureau Federation, and a representative from the farming community, discussions were held to find ways to increase our current agricultural workforce. Recent numbers from the 2012 US Agricultural Census has found the average age of farmers in Hawaii is over 63 years old. It is the Department's goal to reverse this trend and we look forward to continued collaboration with our brother and sister agencies and the public to achieve this goal.

Thank you for the opportunity to present testimony.





1200 Ala Kapuna Street ♦ Honolulu, Hawaii 96819  
Tel: (808) 833-2711 ♦ Fax: (808) 839-7106 ♦ Web: www.hsta.org

Corey Rosenlee  
President  
Justin Hughey  
Vice President  
Amy Perruso  
Secretary-Treasurer  
Wilbert Holck  
Executive Director

TESTIMONY BEFORE THE HOUSE COMMITTEE ON  
FINANCE

RE: HB 2115 HD1 - RELATING TO AGRICULTURE.

THURSDAY, FEBRUARY 22, 2018

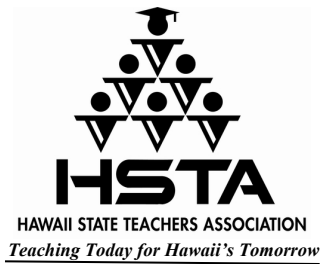
COREY ROSENLEE, PRESIDENT  
HAWAII STATE TEACHERS ASSOCIATION

Chair Luke and Members of the Committees:

The Hawaii State Teachers Association **supports HB 2115 HD1**, relating to agriculture.

We need to restore the balance in our public educational system in Hawaii. Hawaii's Career and Technical Education programs need to be expanded to provide greater opportunity to prepare young people to design their own futures. The purpose of this Act is to continue the work of the agriculture workforce development pipeline initiative to conduct training on all islands for teachers and school administrators, and students in agricultural self-sufficiency. This act would help the continuation of providing teachers in the DOE with training from experts in the agricultural field would help them understand not only how the agriculture workforce needs have changed over time, but also how to incorporate sustainability in agriculture that is in high demand in Hawaii. According to the Hawaii Agriculture Skill Panel Report from the Workforce Development Council, the average age of Hawaii's commercial farmers is over 60 years old. Interest in agriculture is waning in our youth and this is worrisome to the industry and to the economy and self-sustainability of our state.

There is a common misconception that farming is a low-paying, low-skilled trade. Our youth need to understand that there are a variety of careers within the agricultural industry that need to be filled. They need more workers that are not only technical in nature, but also those who will help to solve the problems listed in the report such as developing new technology and developing ideas for innovation that are critical components to the growth and expansion of the agricultural



1200 Ala Kapuna Street ♦ Honolulu, Hawaii 96819  
Tel: (808) 833-2711 ♦ Fax: (808) 839-7106 ♦ Web: [www.hsta.org](http://www.hsta.org)

**Corey Rosenlee**  
President

**Justin Hughey**  
Vice President

**Amy Perruso**  
Secretary-Treasurer

**Wilbert Holck**  
Executive Director

industry in Hawaii, especially in the areas of sustainability. The agricultural

industry also needs workers in business, marketing, and management to refine and streamline production and distribution, along with workers to guide the industry in using sustainable practices, Organic farming, Soil building, and Natural Farming.

Passage of this bill would help provide teachers with the knowledge they need to incorporate agricultural career paths into their curriculum using school gardens, and farm to table programs with their students.

Hawaii, like most states, is working toward the goal of getting their students 'college-and career-ready,' but CTE experts are concerned that what we mean by 'career-ready' is not always clear, and the supply of quality career-technical education programs has not kept pace with demand. Students must have several options available to them in order to explore a variety of career options, one of them being in agriculture. This bill supports these efforts.

According to a national study, *The Shocking Truth About The Skills Gap* (2015), only 25 percent of polled job seekers reported receiving career path in high school, and 41 percent said they wished they had received more guidance.

Because a robust education involves developing all aspects of learning for our ever-changing world including the changes in agriculture, the Hawaii State Teachers Association asks your committee to **support** this bill.



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

February 22, 2018

HEARING BEFORE THE  
HOUSE COMMITTEE ON FINANCE

**TESTIMONY ON HB 2115, HD1**  
RELATING TO AGRICULTURE

Room 308  
1:30 PM

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

I am Randy Cabral, President of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,900 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 2115, HD1**, which appropriates funds to the department of labor and industrial relations for the K-12 agriculture workforce development pipeline initiative.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it's clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

DLIR, under Director Takamine's and HDOA Chair Kokubun's leadership, undertook a series of facilitated meetings with farmers, ranchers, educators and a diverse group of stakeholders across the state between 2007 and 2011. Its report was published. This report: Hawaii Agriculture Skill Panel Report, made a number of recommendations, of which several common themes emerged. #1 of those themes is '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 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 is an important step toward the future of agriculture in Hawaii. The activities enabled by passage of this legislation will



continue to implement strategies yielding favorable outcomes for the state's economy, particularly the agricultural sector.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative. Thank you for this opportunity to provide comments on this measure.

Thank you for this opportunity to provide our opinion on this important matter.



February 20, 2018

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

**Comments in Support of HB 2115, H.D. 1 Relating to Agriculture (Appropriates Funds to the Department of Labor and Industrial Relations for the K-12 Agriculture Workforce Development Pipeline Initiative).**

**Thursday, February 22, 2018, 1:30 p.m., in Conference Room 308**

The Land Use Research Foundation of Hawaii (LURF) is a private, non-profit research and trade association whose members include major Hawaii landowners, developers and a utility company. LURF's mission is to advocate for reasonable, rational and equitable land use planning, legislation and regulations that encourage well-planned economic growth and development, while safeguarding Hawaii's significant natural and cultural resources, and public health and safety.

LURF appreciates the opportunity to express its **support of HB 2115, H.D. 1** and of the various agricultural stakeholder groups who defend the goals of viable agricultural operations and the conservation and protection of agriculture, including important agricultural lands (IAL) in Hawaii. The bill conveys the need for collaboration amongst diverse sectors of the community - business, government, educational institutions, and agricultural stakeholders - and the importance for them to work together cooperatively to improve the economic viability of the State's agricultural industry.

**HB 2115, H.D. 1.** The purpose of this bill is to continue the work of the agriculture workforce development pipeline initiative (the "Initiative") to conduct training in agricultural self-sufficiency on all islands for teachers and school administrators, and students.

**LURF's Position.** LURF believes that the proposed appropriation of general revenues for the operations of the Initiative is consistent with the underlying intent and objectives of the IAL laws (Hawaii Revised Statutes [HRS], Sections 205-41 to 52), which were enacted to fulfill the mandate in Article XI, Section 3 of the Hawaii State Constitution, "to conserve and protect agricultural lands, promote diversified agriculture, increase agricultural self-sufficiency and assure the availability of agriculturally suitable lands." As noted in HRS Section 205-41, the intent of Act 183 (2005) was to develop agricultural incentive programs to promote agricultural viability, sustained growth of the agricultural industry, and the long-term use and protection of important agricultural lands for agricultural use.

Passage of the long-awaited IAL legislation would be pointless without implementation of these programs, incentives and inducements which require the cooperation and support of agricultural, business, and educational organizations, as well as government agencies, which this bill is intended to cultivate and promote.

LURF members include private property owners, farmers and ranchers who own, maintain, and engage in agricultural enterprises, and who consider programs such as this Initiative significant to the continued conduct of their operations and to help sustain and preserve their businesses into the future. Regrettably, interest in agriculture continues to decline due to misguided assumptions of the trade as entailing hard work for low pay, and requiring little, if any appreciable skills.

LURF believes efforts like the Initiative and the appropriation of funds for its operation would greatly assist in the perpetuation of the agricultural industry in this State by identifying workforce needs; assisting the industry with training to help farmers and ranchers comply with onerous regulatory requirements; providing knowledge and inspiring interest in agriculture; as well as educating youth about the importance of increasing Hawaii's long-term resilience and sustainability.

As the establishment of the Initiative significantly helps to promote economically viable agriculture and food self-sufficiency in Hawaii, LURF is in **support of HB 2115, H.D. 1.**

Thank you for the opportunity to provide comments in support of this measure.

**HB-2115-HD-1**

Submitted on: 2/21/2018 2:38:24 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Jacqueline S. Ambrose	HFUU	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/20/2018 10:51:44 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Warren Watanabe	Maui County Farm Bureau	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/21/2018 10:14:53 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dale Sandlin	Hawaii Cattlemens Council	Support	No

Comments:

## FIN-Jo

---

**From:** Martha Peterson <petersona003@hawaii.rr.com>  
**Sent:** Wednesday, February 21, 2018 10:48 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!

## FIN-Jo

---

**From:** Frederick Mencher <fmencher@hawaii.rr.com>  
**Sent:** Wednesday, February 21, 2018 10:07 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!



## FIN-Jo

---

**From:** Philippe Visintainer <philippe@coconutprotectors.com>  
**Sent:** Wednesday, February 21, 2018 10:06 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!

## FIN-Jo

---

**From:** Karol Haraguchi <karol@haraguchiricemill.org>  
**Sent:** Wednesday, February 21, 2018 9:53 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!

## FIN-Jo

---

**From:** Kylie Matsuda-Lum <kylie@kahukufarms.com>  
**Sent:** Wednesday, February 21, 2018 9:52 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!

## FIN-Jo

---

**From:** Dusty Alderks <dusty.alderks@gmail.com>  
**Sent:** Wednesday, February 21, 2018 9:41 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** John McMillan <lycianthes@gmail.com>  
**Sent:** Wednesday, February 21, 2018 9:23 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Jason T Okuhama <jokuhama@cblending.com>  
**Sent:** Wednesday, February 21, 2018 9:19 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Luly Unemori <luly.unemori2@hawaiiantel.net>  
**Sent:** Wednesday, February 21, 2018 9:15 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Richard Ogoshi <ogoshi@hawaiiantel.net>  
**Sent:** Wednesday, February 21, 2018 9:05 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!



## FIN-Jo

---

**From:** William Askew <GregAskew2@gmail.com>  
**Sent:** Wednesday, February 21, 2018 8:52 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Alvin Tsuruda <waihale@hawaiiantel.net>  
**Sent:** Wednesday, February 21, 2018 8:49 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Joseph Silva <joey.silva@cpsagu.com>  
**Sent:** Wednesday, February 21, 2018 8:48 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!

## FIN-Jo

---

**From:** John A H Tomoso+ <John.a.h.tomoso@gmail.com>  
**Sent:** Wednesday, February 21, 2018 8:46 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Gregory Williams <koloa@hawaiiantel.net>  
**Sent:** Wednesday, February 21, 2018 8:54 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Mark Phillipson <reelrelaxed@gmail.com>  
**Sent:** Wednesday, February 21, 2018 8:41 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalolo!

## FIN-Jo

---

**From:** Clyde Fukuyama <clyde@kahukubrand.com>  
**Sent:** Wednesday, February 21, 2018 8:22 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Randy Cabral <kaiwiki.1970@gmail.com>  
**Sent:** Wednesday, February 21, 2018 8:06 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!



## FIN-Jo

---

**From:** Young Tarring <Young@applebananas.com>  
**Sent:** Wednesday, February 21, 2018 7:53 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** CARO KIRIHARA <hmkpro@gmail.com>  
**Sent:** Wednesday, February 21, 2018 7:47 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Stacie Sasagawa <Ssasagawa@hawaii.rr.com>  
**Sent:** Wednesday, February 21, 2018 7:47 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Phil Becker <aikanepsntation@hawaii.rr.com>  
**Sent:** Wednesday, February 21, 2018 7:47 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Melvin Matsuda <melvin@kahukubrand.com>  
**Sent:** Wednesday, February 21, 2018 7:46 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Keith Yap <kyap@gayandrobison.om>  
**Sent:** Wednesday, February 21, 2018 7:46 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

## FIN-Jo

---

**From:** Randy Yokoyama <rjyoko@gmail.com>  
**Sent:** Wednesday, February 21, 2018 11:57 AM  
**To:** FINTestimony  
**Subject:** I SUPPORT HB 2115 HD1.

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**From:** [Glenn Nii](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 12:25:16 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!



**From:** [Justin Campbell](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 12:20:56 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**From:** [Joni Kamiya](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 12:14:16 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**From:** [ka"ohi Mokuhali"i](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 12:05:01 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**HB-2115-HD-1**

Submitted on: 2/21/2018 12:50:52 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Terence T Moniz	Individual	Support	No

Comments:

Aloha,

My name is Terence Moniz and I am currently a Natural Resources teacher at Keaau High School.

Having been in teaching now for over 25 years, I have seen support for agriculture education (now called Natural Resources) and the FFA ebb and flow over the years and like other agriculture teachers, have persisted to engage a very diverse student base in activities that connect academics to the real world.

Roughly between 2003 and 2013, our programs declined in enrollment coincident with the loss of previously earmarked funding, with educational mandates that minimized elective classes like ours, and with the retirement of experienced agriculture education teachers.

However, our high school programs are rebounding because of the following:

1. Successful elementary school gardening programs supported by outstanding partners.
2. The emergence of middle school agriculture and sustainability programs,
3. Public interest in food security, quality produce, and the sustainability movement, and
4. Institutional support of aina-based learning as expressed in official curriculum documents.

These factors, along with decades-long support from University of Hawaii System (agriculture and education), the State and Federal Departments of Agriculture, the Hawaii Farm Bureau Federation and farmers, to name a few, have positioned public agriculture education and the FFA to become a key component in the emerging agriculture workforce pipeline.

Although we have many needs, we do have a strategic view and we can summarize them by looking at programs (curriculum and facilities), partnerships, and personnel (teacher recruitment and professional development),

Program-wise, the DOE has provided us with a rigorous curriculum and effective (but aging) school agriculture facilities and land laboratories. A weak spot is on-going support for student leadership activities.

With respect to partners, they are simply amazing, focused and visionary. Their valuable assistance must also be nurtured and supported.

However, the personnel and professional development issues addressed in this bill are very well-informed and urgently needed. Through a systematic program involving input from FFA students, Natural Resources teachers and school curriculum leaders and enablers, this bill can build a quality agricultural career and post-secondary education pipeline.

Thank you for allowing me to voice my support for this bill.

Respectfully,

**From:** [Barry Kim](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 1:44:26 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**From:** [Laila Jayyousi](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 1:30:58 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**HB-2115-HD-1**

Submitted on: 2/20/2018 4:33:16 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Helmut Klauer	Individual	Support	No

Comments:



**HB-2115-HD-1**

Submitted on: 2/20/2018 6:08:08 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

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

Comments:

**HB-2115-HD-1**

Submitted on: 2/20/2018 6:11:19 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
John NAYLOR	Individual	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/20/2018 6:13:54 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Sunny Savage-Luskin	Individual	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/20/2018 6:16:05 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Terez Amato Lindsey	Individual	Support	No

Comments:

Outstanding measure, please support this!

**HB-2115-HD-1**

Submitted on: 2/20/2018 8:52:49 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
William South	Individual	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/20/2018 6:35:13 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

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

Comments:

I support the intent of this bill.

**HB-2115-HD-1**

Submitted on: 2/21/2018 1:28:55 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

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

Comments:

**HB-2115-HD-1**

Submitted on: 2/21/2018 1:50:12 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Janet Pappas	Individual	Support	No

Comments:

Dear FIN Committee,

Hawaii cannot meet its food sustainability goals without more farmers. The best method is to start NOW to develop skills in children who want to learn about farming. We have several existing CTAHR (state) programs that can and do assist farmers, but nothing formally that teaches farming to children. (There is a 4-H Club in CTAHR.)

I urge you to fund this bill so that a program can be established to support learning about farming in our schools. One day we will come to realize how important such a program really is to life on these islands.

Please support HB2115.

Thank you.



**HB-2115-HD-1**

Submitted on: 2/21/2018 4:19:17 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
David S. Case	Individual	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/21/2018 4:47:36 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
scott lacasse	Individual	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/21/2018 6:56:56 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

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

Comments:

**HB-2115-HD-1**

Submitted on: 2/21/2018 10:08:49 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Cindy Goldstein	Individual	Support	No

Comments:

I support funding for school and youth related K-12 agriculture programs. As the chairperson for a Waipahu High School advisory board for the Natural Resources program and in past volunteer work with FFA and other high school agriculture programs, I've seen first hand how financial support of these programs has great benefit for students. This type of funding allows students to develop skills and knowledge for careers in farming and related to agriculture.

**HB-2115-HD-1**

Submitted on: 2/20/2018 4:12:01 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Scott Crawford	Individual	Support	No

Comments:

**HB-2115-HD-1**

Submitted on: 2/20/2018 3:05:26 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Ronald Weidenbach	Individual	Support	No

Comments:

With the aging of the agriculture workforce, it is critical to prepare th next generation for farmers for this increasingly technology-based employment sector to ensure future local food production and food security for our State

**From:** [David Schell](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 1:25:42 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**HB-2115-HD-1**

Submitted on: 2/20/2018 4:24:52 PM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Rob Weltman	Individual	Support	No

Comments:

Hawaii needs to invest in the future of agriculture.



**LATE**

**From:** [Lynn Tsuruda](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 5:32:56 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!

**LATE**

**From:** [Mary Masuda](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 5:22:37 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!



**From:** [David Rietow](#)  
**To:** [FINTestimony](#)  
**Subject:** I SUPPORT HB 2115 HD1.  
**Date:** Wednesday, February 21, 2018 3:58:00 PM

---

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

I strongly support HB 2115 HD 1, which establishes a K-12 Agriculture Workforce Development Pipeline Initiative in DLIR to conduct training for students, teachers and school administrators in agricultural self-sufficiency.

Hawaii's commercial farmers' average age is over 60 years. To maintain and expand production levels, it is clear that we need a new generation of farmers and ranchers equipped to assume the task of growing crops and livestock. This measure is critical to achieving Hawaii's goal of increased self-sufficiency and sustainability.

We ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline Initiative

Thank you for the opportunity to testify on this measure.

Mahalo!



## Board of Directors

TESTIMONY FROM BENNETTE MISALUCHA, EXECUTIVE DIRECTOR

President  
Alan Takemoto

**IN SUPPORT OF HB 2115, HD1  
RELATING TO AGRICULTURE**

**LATE**

Vice-President  
Joshua Uyehara

HOUSE COMMITTEE ON FINANCE  
February 22, 2018, 1:30 p.m.  
Conference Room 308

Secretary  
Dawn Bicoy

Chair Luke and members of the committee:

Treasurer  
Laurie Yoshida

The Hawaii Crop Improvement Association (HCIA) is a Hawaii-based non-profit organization that promotes modern agriculture to help farmers and communities succeed. Through education, collaboration, and advocacy, we work to ensure a safe and sustainable food supply, support responsible farming practices, and build a healthy state economy.

Directors-at-Large  
Adolf Helm  
Mark Stoutemyer  
Dan Clegg  
Gene Harrington

HCIA is in **support of HB 2115, HD1**, which appropriates funds to the Hawaii State Department of Land & Natural Resources for the K-12 agriculture workforce development pipeline initiative.

President Emeritus  
Kirby Kester

Currently, the average age of Hawaii's commercial famers is over 60 years. A new generation of farmers and ranchers is needed to ensure the sustainability of Hawaii's agricultural industry. As such, we ask for your support to continue funding the operations of the K-12 Agriculture Workforce Development Pipeline.

Executive Director  
Bennette Misalucha

Mahalo for your consideration.

Sincerely,

Bennette Misalucha  
Executive Director, Hawaii Crop Improvement Association

Waipahu Intermediate School FFA  
94-455 Farrington Hwy · Waipahu, HI



**LATE**



February 22, 2018

HB2115, HD1 Relating to Agriculture

Chair Luke, Vice Chair Cullen, and the members of the Committee on Finance,

I'm so sorry that I did not submit this earlier. We will have our FFA students present in person, speaking on behalf of Waipahu Intermediate School's FFA regarding HB2115 relating to agriculture.

I ask that you please allow our students to speak despite my late submission to testify. I spent yesterday getting forms submitted and speaking to our administration trying to get approval on such late notice to transport students, that I forgot to submit this form saying that our students will be testifying in person.

Thank you so much for your understanding.

Sincerely,  
Ken Kozuma  
Waipahu Intermediate School  
FFA Advisor

**HB-2115-HD-1**

Submitted on: 2/22/2018 8:45:29 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

**LATE**

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Briana Hurley	Individual	Support	No

Comments:

**LATE**

**HB-2115-HD-1**

Submitted on: 2/22/2018 10:23:11 AM

Testimony for FIN on 2/22/2018 1:30:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Michael Barros	Individual	Support	No

Comments:

**Chair Luke, Vice Chair Cullen, and honorable committee members,**

**I am writing in support of HB2115 HD1, which supports a K-12 agriculture workforce development pipeline initiative. My name is Michael Barros, I have recently retired (December 31, 2017) from the Department of Education as the Career and Technical Education (CTE) Educational Specialist (ES), a position housed at the Office of Curriculum, Instruction and Student Support (OCISS). As the State CTE Educational Specialist, one of my program responsibilities was Agriculture Education. I also served as the Agriculture teacher at Waialua High and Intermediate School for 10 years prior moving into the State ES position.**

**Previous funding provided through this initiative was very helpful in providing professional development for teachers and FFA Advisor in Agriculture Education. In the summer of 2017 in partnership with the College of Tropical Agriculture and Human Resources (CTAHR) provide a two week professional development to Agriculture Education teachers to implement the a Curriculum for Agriculture Science Education (CASE). <http://www.case4learning.org/> Teacher feedback regarding the curriculum was positive and request for further professional development using the CASE curriculum was unanimous.**

**If our state is to move forward toward increase food security with less reliance on food imports and increase agriculture exports, we must have a strong and vibrant agriculture industry. In order to provide a workforce to meet this challenge, Agriculture Education programs must attract our best and brightest students. Our teachers must be prepared to implement a strong science-based curriculum that is project-based and engaging for all students. The CASE curriculum is a strong start but more attention will need to be given to middle school and elementary gardening and agriculture awareness programs.**

**Thank you for you time and consideration of my testimony.**



**MAUI**  
CHAMBER OF COMMERCE  
VOICE OF BUSINESS

**LATE**

**HEARING BEFORE THE HOUSE COMMITTEE ON FINANCE  
HAWAII STATE CAPITOL, HOUSE CONFERENCE ROOM 308  
THURSDAY, FEBRUARY 22, 2018 AT 1:30 P.M.**

To The Honorable Sylvia Luke, Chair;  
The Honorable Ty J.K. Cullen, Vice Chair; and  
Members of Committee on Finance;

**TESTIMONY IN SUPPORT OF HB 2115 RELATING TO AGRICULTURE**

Aloha, my name is Pamela Tumpap and I am the President of the Maui Chamber of Commerce. I am writing share our support of HB 2115.

Historically, agriculture has been very important to our community, but it is a difficult industry to successfully operate. The state recognizes that agriculture is critical to sustaining Hawaii, but in order to build and grow the industry, we must encourage our youth to take an interest in and want to pursue careers in agriculture. Therefore, the Maui Chamber of Commerce, who strongly supports the agriculture industry, supports this bill to create an agricultural workforce development pipeline initiative to expose and educate youth on the agricultural industry and foster interest in agriculture activities and careers.

We appreciate the opportunity to testify on this matter and ask that this bill be passed.

Sincerely,

Pamela Tumpap  
President

To advance and promote a healthy economic environment for business, advocating for a responsive government and quality education, while preserving Maui's unique community characteristics.