

DAVID Y. IGE
Governor

JOSH GREEN
Lt. Governor



PHYLLIS SHIMABUKURO-GEISER
Chairperson, Board of Agriculture

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Deputy to the Chairperson

State of Hawaii
DEPARTMENT OF AGRICULTURE
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TESTIMONY OF PHYLLIS SHIMABUKURO-GEISER
CHAIRPERSON, BOARD OF AGRICULTURE

BEFORE THE HOUSE COMMITTEE ON FINANCE

MARCH 29, 2019
3:30 P.M.
CONFERENCE ROOM 308

SENATE BILL NO. 762 SD1 HD1
RELATING TO AGRICULTURE EDUCATION

Chairperson Luke and Members of the Committee:

Thank you for the opportunity to testify on Senate Bill 762 SD1 HD1. The purpose of this bill is to establish a coordinator of the P-20 agriculture education working group to support the continuing efforts of the P-20 agriculture education working group to lead the implementation plan for a coordinated framework of support for P-20 agriculture education in Hawaii. The Department of Agriculture supports this measure.

Senate Resolution No. 80, SLH 2016, created the P-20 working group with a task to develop strategies to increase agricultural education within the local school system. This resolution highlighted the importance of increasing agricultural education among Hawaii's keiki and investing in the State's agricultural industry by influencing a future generation of local agriculturalists. This bill seeks to fund a coordinator position with operational funding to coordinate that task.

Thank you for the opportunity to testify on this measure.





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

Date: 03/29/2019
Time: 03:30 PM
Location: 308
Committee: House Finance

Department: Education

Person Testifying: Dr. Christina M. Kishimoto, Superintendent of Education

Title of Bill: SB 0762, SD1, HD1 RELATING TO AGRICULTURE EDUCATION.

Purpose of Bill: Establishes and appropriates funds for 1 FTE P-20 agriculture education coordinator position within the University of Hawaii at Manoa College of Tropical Agriculture and Human Resources. Specifies duties of the coordinator and P-20 agriculture education working group. (SB762 HD1)

Department's Position:

The Department of Education supports the intent of SB 762, SD1, HD1, to establish and fund a P-20 agriculture education coordinator within the University of Hawaii at Manoa college of tropical agriculture and human resources to lead the implementation of a coordinated framework for P-20 agriculture education in Hawaii.

Currently, the Department's Natural Resources pathway promotes student choice, interest and aptitude in conservation and environment, food and non-food production & natural resource management. Student leadership is cultivated through a renewed interest and investment in the Future Farmers of American (FFA) Hawaii that serves as a conduit to promote agriculture as a career. Schools at all levels continue to expand their gardens as a learning laboratory embedded within their unique school design to integrate agricultural experiences across the content areas.

The Department engages with an array of partners to revitalize our island agricultural economy and its contribution to local food systems. There is a collective vision and commitment galvanized by non-profit organizations, higher education, industry and community foundations to leverage supports, resources and services that foster garden-based learning, farm to school initiatives and the Aina Pono Program within Hawaii's public school system.

The Department appreciates the continued collaboration with the University of Hawaii and Hawaii P-20 agriculture education working group. As this proposal includes the need for technical and operational considerations with institutions of higher education, we defer to the

appropriate agency for additional comment.

Thank you for this opportunity to provide testimony on SB 762, SD1, HD1.

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.



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
House Committee on Finance
Friday, March 29, 2019 at 3:30 p.m.

By
Nicholas Comerford
Dean, College of Tropical Agriculture and Human Resources
And
Michael Bruno
Interim Vice Chancellor for Academic Affairs
Vice Chancellor for Research
University of Hawai'i at Mānoa

SB 762 SD1 HD1 – RELATING TO AGRICULTURE EDUCATION

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

Thank you for this opportunity to testify on SB 762 SD1 HD1 relating to agriculture education and establishes and appropriates funds for the P-20 agriculture education coordinator position within the University of Hawai'i at Mānoa (UHM), College of Tropical Agriculture and Human Resources (CTAHR). This bill also outlines the duties of the coordinator and P-20 agriculture education working group. UHM/CTAHR supports with amendments the intent of this bill and we respectfully provide the following information to substantiate our position.

- Preschool through grade 20 (higher education) agriculture education is key to the development of future farmers and to a society that values and understands the vital role of agriculture, food, fiber, and natural resource systems in advancing personal, local, and global well-being and food security.
- UHM/CTAHR convened a working group under Senate Resolution 80 (2015) and developed a coordinated framework of support for preschool through post-secondary (P-20) agriculture education and a plan for implementation.
- The outcome of the working group was the consensus that a P-20 Agriculture Education Coordinator position is needed within UHM/CTAHR for the purpose of overseeing ongoing communication and collaboration of the P-20 Agriculture Education Working Group and spearheading the Implementation Plan that includes:
 - Teacher Development: Teacher training in agriculture and food systems education at all levels (P-20) for those preparing to become teachers (“pre-service teachers”), as well as additional professional development for those already in classrooms (“in-service teachers”).

- Curricular Integration: Integrating agriculture education into the core curriculum in all subject areas at all levels (P-20).
- Agriculture Educators: Helping to establish and fund positions at the state, community, and school levels that directly support teacher development and curricular integration around agriculture and food systems.

The report highlights the large number of organizations working in this area. What is evident is the amount of overlap and lack of coordination between organizations. More effective effort on this topic could be had if there was some level of coordination among groups; and this position could also seek to provide that. We fully agree with, and support, the amendment that this position be required to provide an annual report to the legislature.

We support the intent of this bill. CTAHR is pleased be the recipient of the position if that is the desire of the legislature. Our support is based on the condition the bill's passage be understood to be an addition to the budget priorities of the University of Hawai'i Board of Regents Approved Budget.

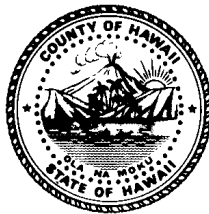
We also suggest two amendments to the budget based on the legislative intent:

Amendment 1: If the intent of the bill is to have this coordinator position for a period of two years, then the bill as written is appropriate. If the intent is for the position to be permanent, then it would be important to clarify that the P-20 agriculture education coordinator position is a permanent Administrative Professional Technical (APT) with UHM/CTAHR, and includes a position number.

Amendment 2: We suggest that an advisory group be formed from members of the P-20 resolution group that participated in the resolution, and that wrote the final report. The intent of the advisory group would be to provide oversight, suggestions, and evaluation of the programs developed by the coordinator.

Thank you for this opportunity to submit testimony.

County of Hawai'i
Council District 9 -
North and South Kohala



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Chair: Committee on Agriculture,
Water, Energy, and Environmental
Management

Vice Chair: Committee on Finance

HERBERT M. "TIM" RICHARDS, III
HAWAI'I COUNTY COUNCIL - DISTRICT 9
25 Aupuni Street, Ste. 1402, Hilo, Hawai'i 96720

March 28, 2019

House Committee on Finance

Honorable Representative Sylvia Luke, Chair
Honorable Representative Ty J.K. Cullen, Vice Chair

Submission via online testimony

RE: **Support of SB 762, SD1, HD1 (HSCR1505)**
Hearing Date/Time: March 29, 2019 at 3:30 p.m.

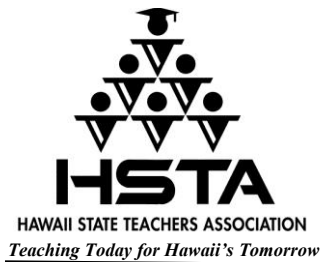
Dear Representatives:

As the Chair of the Committee on Agriculture, Water, Energy, and Environmental Management for the Hawai'i County Council, I thank you for the opportunity to submit **testimony in SUPPORT of SB 762, SD1, HD1 (HSCR1505)**. Agriculture education is key to raising a future of farmers for the entire State of Hawai'i. It is critical that our state educational system focus on 'growing farmers' from a young age, i.e. elementary school, in order to secure the future of agriculture in Hawai'i. Hawai'i needs to increase its food security and self-sufficiency in agriculture, and we must provide an avenue for our youth to succeed in this industry. I am looking forward to seeing this come to fruition.

Please feel free to contact me should you need to discuss my position and knowledge of this matter further.

Sincerely,

HERBERT M. "TIM" RICHARDS, III
Hawai'i County Council, District 9



Corey Rosenlee
President
Osa Tui, Jr.
Vice President
Logan Okita
Secretary-Treasurer
Wilbert Holck
Executive Director

TESTIMONY BEFORE THE HOUSE COMMITTEE ON FINANCE

RE: SB 762, SD1, HD1 - RELATING TO AGRICULTURE EDUCATION

FRIDAY, MARCH 29, 2019

COREY ROSENLEE, PRESIDENT
HAWAII STATE TEACHERS ASSOCIATION

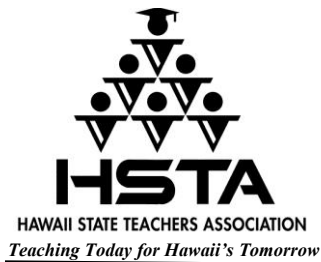
Chair Luke, and Members of the Committee:

The Hawaii State Teachers Association **supports SB 762, SD1, HD1**, relating to agriculture.

This purpose of this Act would be to establish and appropriate funds for 1 FTE P-20 agriculture education coordinator position within the University of Hawaii at Manoa College of Tropical Agriculture and Human Resources. It also specifies duties of the coordinator and P-20 agriculture education working group.

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 including those in agriculture.** The agriculture workforce needs have changed over time, and expanding our ag-tech industry, including the addition of an agriculture education coordinator to help coordinate the changing agricultural needs for career development, such as sustainability, aquaculture, hydroponics, vertical farming, organic farming etc. 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 industry in Hawaii, especially in the areas of sustainability.



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Corey Rosenlee
President

Osa Tui, Jr.
Vice President

Logan Okita
Secretary-Treasurer

Wilbert Holck
Executive Director

Passage of this bill would help provide a much needed Agriculture Educational Coordinator to help guide our youth to expand their knowledge and help them navigate the various opportunities within agriculture to gain the knowledge they need to pursue the ever expanding ag-tech career paths as a possible career choice.

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 innovation 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.

SB-762-HD-1

Submitted on: 3/28/2019 11:09:22 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ming Wei Koh	Pacific Resources for Education and Learning	Support	No

Comments:

Pacific Resources for Education and Learning strongly supports SB762 and highly recommends that the position is a permanent position in CTAHR, University of Hawaii.

We have been involved in the creation of the P-20 Agriculture Education study and report since August 2016 and are delighted to see this finally become a reality. Our beloved State of Hawaii is very food insecure and we need to grow more farmers who are also STEM experts. The Agriculture Education pathway has that intention.

Thank you for your attention to this.

Koh Ming Wei, PhD.

Senior Ecoliteracy Specialist

PREL



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March 29, 2019

HEARING BEFORE THE
HOUSE COMMITTEE ON FINANCE

TESTIMONY ON SB 762, SD1, HD1
RELATING TO AGRICULTURE EDUCATION

Room 308
3:30 PM

Aloha Chair Luke, Vice Chairs Cullen, 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 1,900 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 SB 762, SD1, HD1, which establishes and appropriates funds for the P-20 agriculture education coordinator position within the University of Hawaii at Manoa college of tropical agriculture and human resources and specifies the duties of the coordinator and P-20 agriculture education working group.

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, under then-Director Dwight Takamine's and then-HDOA Chair Russell 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 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 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.

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.

Hawaii Farm Bureau suggests that a relationship continues with the existing Agricultural Workforce Advisory Board and the P-20 agriculture education working group.

Thank you for the opportunity to provide testimony on this measure



HAWAI'I FARM TO SCHOOL HUI

LEARNING GARDENS AND SCHOOL FOOD SYSTEMS



HUI MEMBER CORE ORGANIZATIONS:

Grow Some Good/Maui School Garden Network

'Iolani School/O'ahu Farm to School Network

Kōkua Hawai'i Foundation

Mala'ai: Culinary Gardens of Waimea Middle School/Hawai'i Island School Garden Network

Mālama Kaua'i/Kaua'i School Garden Network

Sustainable Molokai/Molokai School Garden Network

The Bennett Foundation

The Kohala Center

The Hawai'i Farm to School Hui is a statewide network whose mission is to strengthen Hawaii's farm to school movement by supporting our island networks in the areas of capacity building, resource development and sharing, professional development, and policy development and advocacy. Farm to school programs include school gardens, education, and school food improvements through local procurement. The Hui is comprised of five island-level networks, community organizations and schools, and representatives from the Hawai'i Departments of Agriculture, Education, and Health and the University of Hawai'i. The Hui formed in 2010 and became a program of the Hawai'i Public Health Institute (HIPHI) in 2017.

Date: March 27, 2019

To: Representative Sylvia Luke, Chair
Representative Ty Cullen, Vice Chair
Members of the House Committee on Finance

Re: Strong Support of SB762 SD1 HD1, Relating to Agriculture Education

Hearing: March 29, 2019 at 3:30pm in Conference Room 308

Thank you for the opportunity to testify in **strong support of SB762 SD1 HD1** which establishes and appropriates funds for the P-20 Agriculture Education Coordinator position within the University of Hawai'i at Mānoa College of Tropical Agriculture and Human Resources (UH CTAHR).

This bill puts forth the recommendations of the **P-20 Agriculture Education Working Group** as detailed in [DC149](#): the Final Report on a Coordinated Framework of Support for Preschool Through Post-Secondary (P-20) Agriculture Education in Hawai'i pursuant to S.R. No. 80 (2015).

Convened by UH CTAHR, the P-20 Agriculture Education Working Group has met for three years to develop the report and recommendations. **Agriculture education at all levels (P-20) is key to strengthening Hawaii's food security and food self-sufficiency through the development of future farmers and a supportive citizenry.** Fundamental to expanding student interest in agriculture is the infusion of agriculture education into teacher development programs.

The **P-20 Agriculture Education Coordinator would coordinate and support teacher training in agriculture and food systems education at all levels (P-20)** for pre-service and in-service teachers, and would continue to convene stakeholders through the P-20 Agriculture Education Working Group to advance the coordinated statewide approach to regenerating Hawaii's community food systems through agriculture education.

UH CTAHR is in a unique and important position to help strengthen agriculture education in Hawai'i by collaborating directly with the UH College of Education and other universities and programs to establish pathways to train and certify significantly greater numbers of agriculture teachers, school garden educators, and classroom teachers at all levels with an appreciation for and understanding of the value and importance of local agriculture and the knowledge of how to successfully integrate agriculture with core curriculum in all subjects. UH CTAHR is the most well suited state entity to accomplish this task, and the coordinator position is absolutely essential. **Please make this a permanently funded position within UH CTAHR.**

Thank you very much for this opportunity to testify in strong support of SB762 SD1 HD1.

Me Ke Aloha,

Lydi Bernal
Coordinator, Hawai'i Farm to School Hui, Hawai'i Public Health Institute (HIPHI)

kōkua hawai'i foundation



TESTIMONY IN SUPPORT OF SB762 SD1 HD1 Committee on Finance

Friday, March 29, 2019, 3:30pm; Conference Room 308

Aloha Representatives,

Kōkua Hawai'i Foundation strongly supports SB762 SD1 HD1, which establishes and appropriates funds for the P-20 Agriculture Education Coordinator position within the University of Hawai'i at Mānoa College of Tropical Agriculture and Human Resources (UH CTAHR).

The Kōkua Hawai'i Foundation is a 501(c)3 non-profit organization that supports environmental education in the schools and communities of Hawai'i. Our 'ĀINA In Schools program is a farm to school initiative launched in 2006 that connects children to their local land, waters, and food to grow a healthier Hawai'i. We work directly with 23 O'ahu elementary schools that have implemented the program and have also trained an additional 500+ educators from over 250 schools and organizations from across the state in the use of our 'ĀINA garden, composting, and nutrition curricula. While most of our work has focused on K-6 students, **we have seen a huge need for increased agricultural education resources and teacher training for educators reaching students from preschool through college.**

SB762 SD1 HD1 puts forth the recommendations of the P-20 Agriculture Education Working Group as detailed in DC149: the Final Report on a Coordinated Framework of Support for Preschool Through Post-Secondary (P-20) Agriculture Education in Hawai'i pursuant to S.R. No. 80 (2015). To gather input and recommendations to respond to this resolution, CTAHR invited members stakeholder groups that address Agricultural Education (Ag Ed) to participate in a series of Work Group meetings and gathered a listing of existing P-20 Ag Ed programs.

The P-20 Agriculture Education Coordinator will focus on integrating agriculture education into pre-service teacher development programs for all levels (P-20) in order to produce a greater number of teachers, students, and citizens with an awareness of and interest in agriculture. The Coordinator would also continue to convene stakeholders through the P-20 Agriculture Education Working Group and facilitate curricular integration and the development of increased numbers of dedicated agriculture educators at the state, community, and school levels.

We are a part of the P-20 Agriculture Education Working Group and feel that CTAHR is the most appropriate entity to host the P-20 Agriculture Education Coordinator position. CTAHR has led the convening the Working Group with the support and oversight of the last three Deans. Being based at the University of Hawai'i, the Coordinator would be well positioned to work with both CTAHR and the College of Education to strengthen preparation and retention of teachers focusing on agriculture education.

We urge you to vote in support of SB762 SD1 HD1 to help strengthen agriculture education and in turn, increased food security and self-sufficiency for Hawai'i.

Mahalo for your consideration,

Jack Johnson,
Co-Founder, Vice-President

Kim Johnson,
Co-Founder, President

Natalie McKinney,
Executive Director

www.kokuahawaiiifoundation.org

P.O. Box 866, Hale'iwa, HI 96712 • Tel: (808) 638-5145 • Fax: (808) 638-0757 • info@kokuahawaiiifoundation.org

The Kōkua Hawai'i Foundation is a 501(c)3 non-profit organization that supports environmental education in the schools and communities of Hawai'i.



SB-762-HD-1

Submitted on: 3/27/2019 3:44:20 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nancy Redfeather	Ka Ohana O Na Pua	Support	No

Comments:

Aloha Committee Chair, Vice-Chair, and Members of the House Finance Committee,

After reading the current version of the Bill, I think the most important addition would be that this position be made permanent. I don't think it would be possible for any Agriculture Education Coordinator to fulfill all the goals for the position in a single year.

I was fortunate to attend all the meetings of the P-20 Agriculture Education Working Group that were held over the three year period. To my knowledge, it was the first time there has been a concerted, coordinated statewide effort by all those working directly with agricultural education programs in the Elementary, Middle and High Schools, and the UH system. This work created a coordinated Framework and envisions support for agricultural education P-20 that would raise the level of knowledge and awareness of both programs at all grade levels and seek to remedy the GAPS in the Framework, in the overlapping areas of agriculture, nutrition, health, environment, and their deep connections to culture and community and would greatly assist the States food security needs.

This Bill reflects our most important recommendation, that an Agriculture Education Coordinator be placed in CTAHR UH Manoa, to continue the work this group has outlined in the report and in the Bill, and focus it's early work plan on developing more opportunities for Professional Development for our Teachers grades PreK-20 that will afford them the opportunity to integrate these concepts into their core curriculum. In this case as in many others, increased opportunities for education can be looked at as an investment in increased Career Opportunities and life-long healthy habits that will help build our State's Agricultural Economy.

Private family foundations in Hawai'i have supported this work for the past decade. Our State Institutions (The DOE, UH Manoa and UHWO) must now help build this reality through this position. Mahalo for your consideration of this important Bill, the work of so many.

Aloha, Nancy Redfeather

Director: Ka Ohana O Na Pua - An Agricultural Education Community non-profit

March 29, 2019

RE: **Support of SB762 SD1** Relating to Agriculture Education

Aloha Chair Luke, Vice-Chair Cullen, and Members of the Finance Committees:

Blue Zones Project–Hawaii **supports** SB762 SD1 HD1, which establishes a coordinator in the UH-Manoa, College of Tropical Agriculture and Human Resources. The measure also appropriates funding for this position as well as specifies the duties of the coordinator.

This recommendation came from the P-20 Agriculture Education Working Group in the Final Report. Building the appropriate curriculum P-20 is a key factor in addressing the continuum of food security in Hawaii. The recommendation was a priority of the working group because to have food security there needs to be a person focused on developing the coordinated efforts of all those who are part of our food system.

The state is at a crossroads in the food system, among other issues, our farmers are retiring with very few new farmers coming into the market, there is not enough food production to self-sustain, and there is a high cost of locally sourced food in the state, for these reasons and more, there needs to be a strong collaboration among partners to ensure success moving forward.

Mahalo for this opportunity to testify in support of SB762 SD1 HD1. It is one more way to make sure we are protecting our youth from the adverse effects of tobacco.

Sincerely,

Peggy Mierzwa

Peggy Mierzwa

Blue Zones Project—Hawaii

Brought to
Hawaii by



An Independent Licensee of the Blue Cross and Blue Shield Association

SB-762-HD-1

Submitted on: 3/28/2019 1:01:55 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ken Kajihara	Hawaii Association Future Farmers of America	Support	Yes

Comments:

The Ag P20 working group established by the Legislature three years ago has been dutifully working on its task to produce the recently completed Ag P20 educational framework document. What the product belies is the incredibly giving nature and commitment of its volunteer facilitators and members, coming from a diverse spectrum of educators and advocates from the outermost boundaries of our state.

I happen to speak as a former Department of Education agriculture education and Future Farmers of America (FFA) teacher, state agriculture education program manager, and now as an 8-year FFA volunteer in my retirement. We are grateful that the legislature has seen fit not only to form the AGP20 working group, but that it has included agriculture education and the FFA organization as one of its focal points.

The Ag P20 working group has become a powerful and inclusive force that is building agricultural awareness and bringing an unprecedented dignity and respect to the ways of agriculture. SB762 will give us a chance to keep the momentum going with a permanently funded coordinator. We are witnessing an agricultural renaissance and many of our students are committed to making Hawaii a world-class bio-jewel.

Thank you for supporting agriculture education.

aloha

ken kajihara



HOUSE COMMITTEE ON FINANCE

Friday, March 29, 2019 – 3:30 PM - Room 308
Agenda #3

RE: SB 762 SD1 HD1 – Relating to Agriculture Education – In Support

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

The Local Food Coalition **strongly supports SB 762 SD1 HD1**, which establishes and appropriates funds for the P-20 agriculture education coordinator position within the University of Hawaii at Manoa College of Tropical Agriculture and Human Resources.

We commend the efforts of the P-20 agriculture education working group which developed a coordinated framework of support for P-20 agriculture education and a plan for implementation. This coordinator position is needed to implement the plan.

Agricultural education is vital in developing future generations to be agriculturally literate. A comprehensive and coordinated agricultural education framework will expose students to agriculture and by doing so will hopefully increase the number of local farms and farmers, and local food production. This effort will be a major contribution towards achieving the goal of doubling local agriculture production by 2030.

The Local Food Coalition is an organization comprising of farmers, ranchers, livestock producers, investors and other organizations working to provide Hawaii's food supply.

We respectfully request your support of SB 762 SD1 HD1. Thank you for the opportunity to submit testimony.

John Garibaldi
808-544-8319
jgaribaldi@wik.com

Hawai'i Aquaculture &
Aquaponics Association
Hawai'i Cattlemen's Council
Hawai'i Farm Bureau
Federation
Hawai'i Farmers' Union
United
Hawai'i Food Industry
Association
Hawai'i Food
Manufacturers Association
Kohala Center
Land Use Research
Foundation of Hawai'i
Maui School Garden
Network
Ulupono Initiative
College of Tropical
Agriculture and Human
Resources - University of
Hawai'i at Manoa



March 28, 2019

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Pacific American Foundation
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Hawaii House of Representatives
Committee on Finance
Rep. Sylvia Luke, Chair
Rep. Ty J.K. Cullen, Vice Chair

RE: Testimony in Support of Senate Bill 762 SD 1 HD1 Relating to
Agriculture Education

Aloha Chair Luke and Members of the House Finance Committee:

On behalf of the Pacific American Foundation I am writing to express our
SUPPORT of Senate Bill 762 SD1 HD1.

Established in 1993, the Pacific American Foundation (PAF) is a national 501c (3) nonprofit, tax-exempt organization with the mission to “improve the lives of Pacific Americans through service with dignity, courage, humility, and competence.” PAF’s goal is to influence systemic change in the educational system that preserve and perpetuate traditional indigenous ways of knowing for emerging Pacific Century leaders, college career readiness, culturally responsive research, evaluation and assessment, economic and community partnership development.

PAF has been involved in P-20 Agriculture Education for over 20 years with both in school and out-of-school programs to P-20 schools including the development of our first culturally relevant curricula in 2000.

Since 2000, we have developed over 21 titles of Hawaii-based curricula to teach all core areas called “Aloha ‘Āina.” We have trained over 5,000 teachers statewide on every island and have been honored to be a part of the opening and development of the Mālama Honua Public Charter School in Waimanalo

Mālama Honua PCS is a shining example of a project that underscore more opportunities for these schools, teachers, students, parents and community partners to apply knowledge and skills to the issues of community concern while building long lasting relationships, relevance and pursuing higher levels of rigor that we all strive for.

This has also proven to be a fertile ground for living and practicing Na Hopena A'o as we inspire children to aloha and mālama 'āina.

Our experience in Waimanalo and working with CTAHR staff and partners have been truly a transformation experience. CTAHR Waimanalo is the state's premier agricultural research facility. It is in a predominantly agricultural community that has been there for generations. Our school is focused on agriculture, food sustainability and related issues that reflect the needs of our community and state. The partnership has allowed us to find creative ways to educate, inspire, steward and develop rigorous standards of excellence that can and will stimulate the next generation of leaders in this critical area of need.

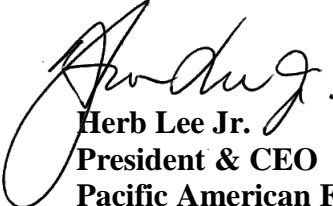
“A'ohe pau ka 'ike I ka halau ho'okahi,” All knowledge is not learned in one school. Aunty Mary Kawena Pukui 'olelo no'eau continues to ring true today! The students that are served by the P-20 agricultural programs can have a unique opportunity to expand learning to the surrounding resources of their own community to broaden the awareness of agricultural practices in daily life.

This Coordinator position under CTAHR will further enhance the opportunities and expand the collective impact of these beginning programs to hopefully all schools across the state. Our future is dependent on it. There is no time to waste as our farmers are aging out and greater emphasis is being put upon our ability to sustain ourselves.

Please support this bill so that more schools can have the opportunity to expand learning for all our keiki grade P-20!

If there are any further questions, please do not hesitate to call me at 927-5646 or email me at herblee@thepaf.org.

Sincerely,



Herb Lee Jr.
President & CEO
Pacific American Foundation

SB-762-HD-1

Submitted on: 3/28/2019 12:54:51 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lexa Ora-a	Lahainaluna FFA Chapter	Support	No

Comments:

My name is Lexa Ora-a and I am the president of the Lahainaluna FFA chapter. As a representative of the Lahainaluna FFA Chapter, I ask that you support and advance SB 762 with the end goal of funding an AGP20 position at the University of Hawaii College of Tropical Agriculture and Human Resources. Interest in agriculture is growing in the high schools, and we need more resources to grow our programs.

Aloha and Mahalo.

SB-762-HD-1

Submitted on: 3/28/2019 7:40:00 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ken Kozuma	Waipahu Intermediate FFA	Support	Yes

Comments:

Dear Chair Luke, Vice Chair Cullen, and the Members of the Finance Committee,

I am testifying as the advisor for Waipahu Intermediate FFA Chapter in **strong support of SB762.**

I will bring several of our chapter's leaders to testify on behalf of Waipahu Intermediate FFA Chapter.

Thank you so much for your time and consideration.

Sincerely,

Ken Kozuma

Waipahu Intermediate School

CTE - Agriculture

FFA Advisor

Youth for Safety Advisor

March 27, 2019

To:

Chair Luke
Vice Chair Cullen
House Committee on Finance

Re: **Strong Support for SB762 SD1 HD1**

Aloha Chair Luke, Vice Chair Cullen, members of the House Committee on Finance:

Thank you for your dedication to the livelihood of the people of Hawai'i, and for this opportunity to testify in **SUPPORT** of **SB762 SD1 HD1**, which would establish and fund a P-20 agriculture education coordinator position, promote collaboration amongst the P-20 agriculture education working group, and increase agriculture education across the State of Hawai'i. Kaho'omiki is a non-profit organization that works to support and encourage lifelong healthy lifestyles through physical activity and good nutrition, as well as community and social interaction, to enhance the quality of life of Hawai'i residents.

The P-20 agriculture education coordinator will greatly increase exposure for students of all ages to agriculture education and drive career interest in agriculture and food systems. Studies show that agriculture education, school gardens, and hands-on nutrition learning triples student consumption of fruits and vegetables in school lunches¹ and increases access to low-fat fruits and vegetables at home.² Agriculture education can also play a critical role in shifting student's perceptions about healthy foods and provide opportunities for students to experience growing and cooking their own food.

The P-20 position will also lead to more teachers being trained in agriculture education, more local farms and farmers, and a stronger local food supply, all of which are extremely important for a sustainable and healthy future.

Agriculture education can help the families of Hawai'i enjoy healthier lifestyles, which is why Kaho'omiki strongly **supports SB762 SD1 HD1**. Thank you for this opportunity to testify.

Sincerely,



Colby Takeda
President, Kaho'omiki

¹ Koch, P., Wolf, R., Graziose, M., Gray, H. L., Trent, R., & Uno, C. (2017) FoodCorps: Creating healthy school environments. Laurie M. Tisch Center for Food, Education & Policy, Program in Nutrition, Teachers College, Columbia University.

² Wells, N. M., Meyers, B. M., Todd, L. E., Henderson, C. R., Barale, K., . . . Franz N. K. (2018). The carry-over effects of school gardens on fruit and vegetable availability at home: A randomized controlled trial with low-income elementary schools. *Prevention Medicine*, 112:152-159.

SB-762-HD-1

Submitted on: 3/28/2019 2:30:10 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mariah Iris Ramo	Waipahu Intermediate's FFA	Support	Yes

Comments:

Aloha,

I'm Mariah Iris, an eighth grader from Waipahu Intermediate and an FFA member. On behalf of our chapter, I will be testifying tomorrow for this agriculture bill. I strongly support SB 762 because we need someone to oversee all agriculture programs that are established in all schools. The kids today are the ones who we depend on for the future of farming.

Mahalo,

Mariah Iris

Waipahu Intermediate 8th Grader

Waipahu Intermediate National Junior Honor Society President

Waipahu Intermediate FFA 1st Vice President of Leadership

Waipahu Intermediate Student Government 1st Vice President

Waipahu Intermediate Youth for Safety Member

Hawaii Public Youth Coalition Member

SB-762-HD-1

Submitted on: 3/28/2019 2:58:01 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Khang Nguyen	Kalani FFA	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 2:17:16 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Rainer Tanaka	Kalani FFA	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 1:56:08 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Audrey Li	FFA	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/27/2019 10:55:49 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Katheren Lam	FFA	Support	No

Comments:

I support SB762 because as a student, our teachers do their best to provide us with the tools and skills necessary to succeed - however if the teacher does not know the steps required to take then they are unable to help us therefore progress is halted. Most of my education on agriculture comes from my family, meaning that my peers know less than I do so even if I were to share everything I know, there is no guarantee that the following generations will be able to understand and adapt to the ever changing agriculture techniques on their own. I hope that even after I leave the school the agriculture program is able to stay strong - which is why I strongly support SB762.

SB-762-HD-1

Submitted on: 3/28/2019 2:57:40 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Wilison Li	FFA	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 2:57:26 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kililani Rheink	FFA	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 2:56:44 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Natalie Ou	FFA	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 2:56:13 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexis Jinbo-Doran	FFA	Support	No

Comments:

Agriculture Education will help our state achieve Gov. Ige's goal to double food production by 2020.

March 27, 2019

Testimony: SB 762, SD1, HD1 (HSCR 1505) Related to Agriculture Education

Committee on Finance

Chair: Representative Sylvia Luke

Vice Chair: Representative Ty J.K. Cullen

Honorable Chair Luke,

My Name is Michael Barros, I have recently retired from the Department of Education as the State Educational Specialist for the Career and Technical Education (CTE). I also was an Agriculture Education teacher at Waialua High and Intermediate for 10 years before moving into the state position. I am currently working part-time for the Department as the State Executive Secretary for the Hawaii Association Future Farmers of America (FFA).

The following table shows the number of students who have been enrolled in courses within the Agriculture, Food Innovation, and Natural Resources (AFNR) Career Cluster in the Department of Education. This indicates that there is significant student interest in the AFNR career cluster. However, as agriculture teachers are retiring, programs are not continued due to the lack of trained teachers. Of the number of schools listed below offering AFNR courses, I estimate that only 11 teachers have completed an Agriculture Education teacher education program through a state approved program.

Inclusive of Public Charter Schools	SY 2015-16	SY 2016-17	SY 2017-18
Number of Schools	37	39	38
Total Enrollment	3212	3521	3357

I am writing to you in support of SB762 regarding a P-20 Agriculture Education Coordinator. If we are to attain food security in our state, we must have a strong and viable Agriculture Education program within our educational institution. The Department of Education's biggest problem in sustaining and/or creating Agriculture Education Programs is finding qualified Agriculture Education teachers. Our own Hawai'i College of Educations no longer has a teacher training programs for Career and Technical Education (CTE) teachers (formally Vocational Ed). Having a coordinator working closely with the College of Tropical Agriculture and Human Resources (CTAHR) and the College of Education will go a long way is providing both pre-service and in-service professional development for teachers in agriculture education.

Having a permanent P-20 coordinator at CTAHR is very strategic given that CTAHR is a scientific research institution. This institution with its extension services support can translate new innovation and scientific inquiry to secondary and elementary education. Students need to be exposed to the science-based inquiry and innovation at all level of their education.

Thank you for your time and I urge your committee to support this bill.

SB-762-HD-1

Submitted on: 3/27/2019 5:08:55 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Joe Wat	Individual	Support	No

Comments:

A P20 Ag Education position within CTHAR is an incredibly important opportunity to ensure that millions of dollars and hundreds and hundreds of human hours invested in creating sustainable food systems successfully scaffolds and supports itself. Right now there is limited communication between agriculture based education (covering topics as broad as general nutrition, garden classrooms, Hawaiiiana/sustainable food systems, natural resource CTE programs, and CTAHR coursework) in different age groups. Having a statewide coordinator to promote the creation of an adaptive organizational structure to support this work would ensure that educational programming is rigorous enough to be useful in real life and relevant to future educational opportunities.

Please support this bill as a means to ensure that the work of many people I know and respect is coordinated and supported.

SB-762-HD-1

Submitted on: 3/28/2019 8:38:52 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Megan Yarberry	Individual	Support	No

Comments:

I believe this will help improve Hawai'i's food security and strengthen ag networks.

P-20 Agriculture Education Coordinator

Aloha

This coordinator position will facilitate collaboration between the UH College of Education and CTAHR towards training teachers in agriculture education. It is a logical step following the legislative mandate for the P-20 Ag Education Working Group to develop a framework and curriculum. Furthermore, the timing for support in this academic content area is ideal with governor's Aloha+ Challenge initiatives, the plan to redesign the pre-k – 12 structure and the City and County of Honolulu revisiting Important Agricultural Land designations.

My father was a school principal, my mother a chancellor's secretary and I am a retired teacher and school counselor and later captured data for the USDA. We all farmed part time in Waikane Valley and Waimanalo. Agriculture and education is in our D.N.A.

Unfortunately, in the past, I did not guide many students towards agriculture due to past job market forecasts and budget cuts. However, now due to climate change and other issues, there is concern regarding our dependence on food imports coupled with a call for increasing local food production and sustainability. The rubric for curriculum ranges from engaging younger students in conserving natural resources, gardening and repurposing to higher education and certification to fill key public and private positions in agriculture and port security.

The critical scope of topics from food safety, invasive species, traditional practices, ag technology, greening yields, plant pathology, botany, land use, planning, environmental law, ecotourism, business plans and resiliency can be introduced and taught prek – 20. I am inspired when watching the mainland U.S. Future Farmers of America student leaders and alumni on the RFD channel 1211 station. And I believe that Hawaii students can also serve as great practitioners and stewards in agriculture and conservation.

This position in CTAHR can play an instrumental role in that commitment, mission and collaboration between educators, stakeholders and communities.

Mahalo for your consideration.

Sam Kakazu, P-20 Ag Education Working Group, Pollinator Advocate

SB-762-HD-1

Submitted on: 3/27/2019 4:53:14 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kelly Perry	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 8:47:49 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Megan Tabata	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 8:52:14 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ann Hayashi	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 8:55:22 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Molly Mamaril	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 9:08:41 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Keolamalie McComber	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 9:13:52 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Royce Fukuroku	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 9:21:55 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kirstin Kahaloa	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 9:39:37 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ashley Takitani Leahey	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 11:33:33 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Laksmi M Abraham	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 11:36:46 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lisa Delfin	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 11:48:28 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
chris kobayashi	Individual	Support	No

Comments:

Aloha Chair and Members of the committee,

I ask for your full support to make permanent and fully fund the P-20 Ag Education Coordinator position at UH CTAHR. For the community on the county levels, we appreciate the Ag Extension Service personnel helping gardeners and farmers, ranchers and beekeepers, homeowners and businesses. But to have this kind of teaching/service of agriculture in the schools from young ages, is a brilliant way to instill awareness and connectedness to where our food comes from and how it is grown. It will impact and allow for numerous career paths for many successful contributing members of our society, inevitably leading to more self sufficiency in food and fiber and economy in our island state. With global climate changes occurring, where we have seen communities (and recently our state) cut off from receiving fresh produce, people of all ages will need to dig in and grow food in their areas, responsibly, and we need to teach the young ones now! Hands - on, not just textbook.

mahalo, chris kobayashi. hanalei

SB-762-HD-1

Submitted on: 3/28/2019 11:48:33 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Keikilani Uehara	Individual	Support	No

Comments:

Aloha! I am a constituent of Rep Eli and am in support of SB762. Mahalo!

SB-762-HD-1

Submitted on: 3/28/2019 1:02:18 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kahealani	Individual	Support	No

Comments:

I am a student in the FFA club at lahainaluna highschool. My experience in this club has helped me gain many educating experiences i would love if this tradition continued. I support SB762 because i want future generations to have the oppurtunity to experience and get the oppurtunity to be apart of Agriculture.

SB-762-HD-1

Submitted on: 3/28/2019 1:09:11 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Carissa Holley	Individual	Support	No

Comments:

I support having an agriculture coordinator. We need someone to lead the state for food sustainability and ag economy. The vitality of future generations depends on this decision.

SB-762-HD-1

Submitted on: 3/28/2019 1:50:25 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
George Do	Individual	Support	No

Comments:

SB-762-HD-1

Submitted on: 3/28/2019 1:50:34 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Gail Clarke	Individual	Support	No

Comments:

I request that the agriculture education coordinator position for UH Manoa ctahr be a permanent position, this is very important to our communities and best practices in our island communities .

SB-762-HD-1

Submitted on: 3/28/2019 2:17:36 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jennifer Milholen	Individual	Support	No

Comments:

Aloha, Chair, Vice Chair, and committee members. Mahalo for taking the time to consider this bill. I am writing in support of this bill.

This bill puts forth the recommendations of the P-20 Agriculture Education Working Group as detailed in [DC149](#): the Final Report on a Coordinated Framework of Support for Preschool Through Post-Secondary (P-20) Agriculture Education in Hawai'i pursuant to S.R. No. 80 (2015).

Agriculture education is key to meeting the state's aspirations for increased food security and self-sufficiency. The P-20 Agriculture Education Coordinator will focus on infusing agriculture education into pre-service and in-service teacher development programs for all levels (P-20) in order to produce a greater number of teachers, students, and citizens with an awareness of and interest in agriculture.

Mahalo for your time.

Jennifer Milholen

SB-762-HD-1

Submitted on: 3/28/2019 2:34:23 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Bonnie Oda	Individual	Support	No

Comments:

Thank you for this opportunity to submit testimony. I am submitting this testimony as a private citizen, in favor of SB 762.

Our aging farming population faces competing demands for use of Hawaii's land. If Hawaii is to meet its aspirations for increased food security and self-sufficiency, agriculture education is a necessary, strategic component.

The focused efforts of the P-20 Agriculture Education Coordinator will target the integration of agriculture education into pre-service teacher development programs for all educational levels (P20). This work will produce a greater number of teachers, students, and citizens with an awareness of and interest in agriculture and food systems.

Thank you for your consideration.

Sincerely,

Bonnie L. Oda

SB-762-HD-1

Submitted on: 3/28/2019 2:43:11 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kaliko Amona	Individual	Support	No

Comments:

Please support agriculture education in Hawai'i! Our islands need to be much more self-sufficient and be able to grow more food here. All of us eat, all of us rely on a healthy environment, and all of us will benefit from improved educational opportunities for Hawai'i's students. Thank you.

LATE

SB-762-HD-1

Submitted on: 3/28/2019 6:56:15 PM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Karen Teshima	Individual	Support	No

Comments:

LATE

SB-762-HD-1

Submitted on: 3/29/2019 10:02:20 AM

Testimony for FIN on 3/29/2019 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cyrus Howe	Individual	Support	No

Comments: