

**THE THIRTIETH LEGISLATURE  
APPLICATION FOR GRANTS  
CHAPTER 42F, HAWAII REVISED STATUTES**

Type of Grant Request:

Operating                       Capital

Legal Name of Requesting Organization or Individual: Hawaii Public Health Institute      Dba: The Coalition For a Tobacco-Free Hawaii/Health Communities Hawaii

Amount of State Funds Requested: \$ 105,115

Brief Description of Request (Please attach word document to back of page if extra space is needed):  
This proposal supports the continuation and expansion of the Rat Lungworm Disease Prevention Through Education project, which aims to prevent and mitigate further cases of rat lungworm disease among Hawaii's residents and visitors by empowering community members, food producers and handlers, teachers, and students as family and community educators and actors through the delivery of a series of six online community webinars and one professional development education course, partnership building, and the dissemination of a software application for statewide citizen science data collection on the prevalence, distribution, and control of rat lungworm host species.

Amount of Other Funds Available:  
State: \$ 22,000 (BIISC & UHH)  
Federal: \$ 0  
County: \$ 0  
Private/Other: \$ 0

Total amount of State Grants Received in the Past 5 Fiscal Years:  
5,400,000 (HIPHI); \$452,460 (Farm to School only)  
Unrestricted Assets:  
450,000 (HIPHI); \$3,200 (Farm to School only)

New Service (Presently Does Not Exist):       Existing Service (Presently in Operation):

Type of Business Entity:  
 501(C)(3) Non Profit Corporation  
 Other Non Profit  
 Other

Mailing Address:  
850 Richards St, Suite 201  
City: Honolulu                      State: HI                      Zip: 96813

Contact Person for Matters Involving this Application

Name: <u>Lydi Bernal</u>	Title: <u>Hawaii Farm to School Hui Coordinator</u>
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Federal Tax ID#: <u>[REDACTED]</u>	State Tax ID#: <u>[REDACTED]</u>
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Jessica Yamauchi Digitally signed by Jessica Yamauchi  
Date 2022.01.21 10 07 06 -1000'

Authorized Signature

Jessica Yamauchi, Chief Executive Officer

Name and Title

1/21/22

Date Signed

## Application Submittal Checklist

*The following items are required for submittal of the grant application. Please verify and check off that the items have been included in the application packet.*

- 1) Certificate of Good Standing (If the Applicant is an Organization)
- 2) Declaration Statement
- 3) Verify that grant shall be used for a public purpose
- 4) Background and Summary
- 5) Service Summary and Outcomes
- 6) Budget
  - a) Budget request by source of funds (Attached)
  - b) Personnel salaries and wages (Attached)
  - c) Equipment and motor vehicles (N/A)
  - d) Capital project details (N/A)
  - e) Government contracts, grants, and grants in aid (Attached)
- 7) Experience and Capability
- 8) Personnel: Project Organization and Staffing

Jessica  
Yamauchi

Digitally signed by  
Jessica Yamauchi  
Date: 2022.01.20  
13:19:29 -10:00

Jessica Yamauchi, Chief Executive Officer

1/19/22

AUTHORIZED SIGNATURE

PRINT NAME AND TITLE

DATE

## Application for Grants

***If any item is not applicable to the request, the applicant should enter "not applicable".***

### **I. Certification – Please attach immediately after cover page**

#### **1. Certificate of Good Standing (If the Applicant is an Organization)**

**If the applicant is an organization, the applicant shall submit one (1) copy of a certificate of good standing from the Director of Commerce and Consumer Affairs that is dated no earlier than December 1, 2021. Attached.**

#### **2. Declaration Statement**

**The applicant shall submit a declaration statement affirming its compliance with [Section 42F-103, Hawaii Revised Statutes](#). Attached.**

#### **3. Public Purpose**

**The applicant shall specify whether the grant will be used for a public purpose pursuant to [Section 42F-102, Hawaii Revised Statutes](#).**

This grant will be used for the public purpose of preventing and mitigating further cases of Angiostrongyliasis, or rat lungworm disease (RLWD), which poses a serious threat to the economy and public health in Hawai'i and across the globe.

### **II. Background and Summary**

**This section shall clearly and concisely summarize and highlight the contents of the request in such a way as to provide the State Legislature with a broad understanding of the request. Please include the following:**

#### **1. A brief description of the applicant's background.**

Hawai'i Public Health Institute (HIPHI) is a non-profit organization whose mission is to advance the health and wellness of the people and islands of Hawai'i. HIPHI began in 1996, then known as the Coalition for a Tobacco-Free Hawai'i, spearheading the campaign to make all workplaces, restaurants, and bars smoke-free. In 2012, the organization moved from a singular focus on tobacco issues to a broader public health mission that includes oral health, food and agriculture, transportation and public safety, and environmental health, and became the Hawai'i Public Health Institute.

The Hawai'i Farm to School Hui is a program of HIPHI and will oversee implementation of the Rat Lungworm Disease Prevention Through Education project. The Hawai'i Farm to School Hui is a statewide network comprising five Island Networks and over forty public-private entities including representatives from the Hawai'i departments of agriculture, education, health, and the University of Hawai'i. The Hawai'i Farm to School Hui formed in 2010 with a mission to strengthen Hawaii's statewide 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 involve school gardens and farms, education, and school food improvements through local procurement to enhance the total well-being of students, families, schools, community food systems, and the 'āina, the lands and waters that feed, nourish, and sustain us all.

## **2. The goals and objectives related to the request.**

The goals of the Rat Lungworm Disease Prevention Through Education project are to prevent and mitigate further cases of RLWD among Hawaii's residents and visitors by empowering community members, food producers and handlers, teachers, and preschool through post-secondary (P-20) students as family and community educators and actors while increasing student engagement, improving academic achievement, and introducing students to career opportunities in public health, science, and other relevant fields.

The objectives of this project are to:

1. Conduct 6 online community webinars (one each on six islands) and 1 online professional development education (PDE3) course for teachers for the prevention of RLWD during the 2022-2023 school year (SY22-23), reaching at least 90 teachers, 120 additional stakeholders (food producers, food buyers and handlers, community health workers, and other community members), and 4,500 P-20 students during the project year;
2. Disseminate a software application ("RLW Map App") for statewide citizen science data collection on the prevalence, distribution, and control of RLW host species (targeting slugs and snails), engaging 2,000 users in SY22-23; and
3. Strengthen partnerships among public and private agencies and organizations for RLWD prevention, including but not limited to the Hawai'i Department of Education (HIDOE), Hawai'i Department of Health (HDOH), Hawai'i Department of Agriculture (HDOA), University of Hawai'i (UH) system, Hawai'i Invasive Species Council and island-level committees, Governor David Ige's Joint Task Force on RLWD, farmer organizations, community health workers, and other pertinent entities.

## **3. The public purpose and need to be served.**

RLWD is a real-life, serious economic and public health issue for Hawai'i; it has claimed lives, livelihoods, and lifestyles. However, while the disease presents many problems for

Hawai'i it also provides a surprising number of unique and rewarding opportunities for P-20 STEAM (science, technology, engineering, art/agriculture, math) education, along with strategies for lowering infection rates in host animals and reducing the potential for cases of RLWD. Importantly, involving children in educational efforts through STEAM learning about Angiostrongyliasis was identified during the 2011 International Rat Lungworm Workshop held in Honolulu as one of the top priority actions for public education toward preventing and mitigating RLWD infections.

Cases of RLWD in Hawai'i caused by the *Angiostrongylus cantonensis* nematode parasite continue to be reported by the Centers for Disease Control and Prevention (CDC) and HDOH. Recent research provides evidence that the parasite is ubiquitous statewide and that certain areas maintain high parasite infection rates in host animals [rats (73% - 93%), gastropods including slugs and snails (68% - 78%), and paratenic species (frogs and centipedes)]. While monies applied to research produce important and necessary advancements for understanding the parasite and disease, continued public education and a well-orchestrated host control campaign are also necessary to reduce and eliminate human and animal infections.

Whereas important outreach efforts toward the prevention of RLWD have been made by HDOH and the UH College of Tropical Agriculture and Human Resources (CTAHR), it is only through the targeted and ongoing education of students, teachers, food producers, food buyers and handlers, community health workers, and other community members via the delivery of community workshops, webinars, and PDE3 courses that true widespread understanding of the disease and action toward its prevention can and will be achieved. The Hawai'i Farm to School Hui has partnered with HDOH and the Dr. Susan Jarvi Lab at the UH Hilo Daniel K. Inouye College of Pharmacy (UHH-DKICP) from 2017-2019 to pilot the offering of regional workshops and courses for RLWD prevention through education. The Big Island Invasive Species Committee (BIISC) joined the partnership in 2018 and has aided in the development and presentation of a for-credit, professional development course (PDE3) for K-12 teachers. The second offering of this PDE3 course took place for the first time online from February through November 2021 with 16 teacher participants from four islands. Teacher feedback regarding the course was extremely positive (see quotes below) and reflects the desire and need to continue offering the course. This project will allow these efforts to continue and expand, empowering youth and adults in every community to serve as family and community educators and actors for the prevention of RLWD.

Select quotes from participating teachers regarding the 2021 PDE3 course include:

*Moanalua High School Teacher: This course of learning how to engage students through the topic of Rat Lungworm has been the best professional development course I have taken out of the 6 total courses in my career. I feel that so many of the aspects involved were far superior and more beneficial than I had experienced before in other courses.*

*Kalaniana'ole Elementary School Teacher: I discovered that kids are the best teachers. After my class lessons, my students went home and shared the information with their families. Some even gave lessons on how to properly wash produce. I had a number of families ask where they could find more information. I found the workbook from the university to be a fantastic teaching tool that helps families connect and learn together.*

*Kealakehe Intermediate School Teacher: I have taken several PDE3 courses over the past 10 years and I can truthfully say that this course was the most significant because of the impact of the content of the information about rat lungworm disease. The students were very interested in learning about the disease, and they described how they would make changes at their homes and in their lives. The students told their families about what they were learning.*

In addition to a focus on education for RLWD prevention, a concerted statewide effort to significantly reduce host infection rates and increase the control of rats, slugs, and snails is critical, yet is not currently taking place. BIISC has developed a Geographic Information System (GIS) app that can be used for reporting of important, intermediate hosts of the RLW, in particular *Parmarion martensi*, the semi slug, which is known to be an especially effective carrier of the RLW parasite. Preventing the establishment and range of this host is crucial for preventing RLWD, particularly in areas where it is not known to have yet arrived, such as Kaua'i, Moloka'i, Lāna'i, and certain areas of O'ahu, Maui, and Hawai'i Island. This project empowers communities with the research-backed tools to proactively control RLW host populations, while collecting data through use of the RWL Map App to help researchers understand the effectiveness of control efforts and how populations change over time and in response to control. Collection of data is crucial, and the creation, dissemination, and use of the RLW Map App through this project will make possible the development of a large database to significantly enhance coordinated and well-informed statewide planning and disease prevention efforts.

This project has proven its potential for improving statewide monitoring of host species population expansion (particularly of the semi slug), as reported by BIISC and [Big Island Video News](#) in February 2019:

*The presence of the slug [in the Kohala region] was confirmed through the efforts of students at Kohala Middle School, who are participating in a citizen science effort led by teacher Cristy Athan. Athan enrolled in a professional development class offered by UHH-DKICP and the Big Island Invasive Species Committee to learn more about rat lungworm and invasive rats and slugs. Teachers are taught safe handling protocols for the collection and disposal of snails and slugs, and are guided to develop an Integrated Pest Management Strategy to reduce slug and snail populations in school gardens. The students embraced the project and have enthusiastically committed to their roles as ambassadors for rat lungworm prevention. "They're so into it," says Athan. "Every single day, they're telling me a new slug or snail story!"*

As such, this project has remarkable potential to increase student engagement, improve academic achievement, and introduce students to career opportunities in public health, science, and other relevant fields, while significantly advancing statewide RLWD prevention efforts.

**4. Describe the target population to be served.**

The target population to be served by this project includes all preschool through post-secondary (P-20) students in Hawaii's public, public charter, and independent schools, early care and education (ECE) settings, and institutes of higher education, as well as teachers, food producers (especially produce farmers, along with home and community gardeners), food buyers and handlers (e.g. grocers, hotels, restaurants), community health workers, and the general public.

BIISC will be contracted to provide graphic design and social media marketing services. Outreach materials for participant recruitment will be disseminated through existing networks and partnerships including but not limited to the Hawai'i Farm to School Hui and Island Networks, Invasive Species Committees on all islands, HIDOE Communications Office and/or Science listserv, Hawai'i State Teachers Association (HSTA), Hawai'i Science Teachers Association (HaSTA), Hawai'i Association of Independent Schools (HAIS), and the statewide network of community health workers coordinated by HIPHI.

**5. Describe the geographic coverage.**

The geographic coverage of this project includes the entire state of Hawai'i, with a focus on delivering community-based outreach and engagement on the islands of Kaua'i, O'ahu, Moloka'i, Maui, Lāna'i, and Hawai'i.

**III. Service Summary and Outcomes**

**The Service Summary shall include a detailed discussion of the applicant's approach to the request. The applicant shall clearly and concisely specify the results, outcomes, and measures of effectiveness from this request. The applicant shall:**

**1. Describe the scope of work, tasks and responsibilities.**

**Management and Coordination**

- The Hawai'i Farm to School Hui Coordinator shall serve as the Project Director in order to provide overall management of the Rat Lungworm Disease Prevention Through Education project, including financial administration, personnel supervision, contract management, and reporting.

- The Hawai'i Farm to School Hui Special Projects Coordinator shall serve as the Project Coordinator in order to provide coordination of logistics and communications for all aspects of the project, including but not limited to:
  - Organizing planning meetings;
  - Cultivating new and existing partnerships for improved collaboration;
  - Planning and supporting the community webinars and PDE3 course in collaboration with contractors and other project partners;
  - Liaising with BIISC as the RLW Map App and data manager and communications lead (graphic design and marketing); and
  - Supporting the documentation, evaluation, and reporting of the project.

### Community Webinars

- Six online community webinars shall be conducted during SY22-23; one each for the islands of Kaua'i, O'ahu, Moloka'i, Maui, Lāna'i, and Hawai'i.
- The projected attendance for each webinar shall be 30 participants, with the goal of reaching a total of 180 webinar participants, including at least 60 P-20 teachers. Participating teachers will disseminate the course information to an estimated 50 students each (at all levels, P-20; ranging from 20 to 150 students per teacher), resulting in dissemination to 3,000 P-20 students.
- Additional stakeholders who will be targeted to attend the webinars include at least 120 food producers (especially produce farmers, along with home and community gardeners), food buyers and handlers, community health workers, and any and all other interested community members (youth and adults).
- The webinars shall each be conducted by two facilitators, including Franny Brewer (BIISC) and Kay Howe (RLWD expert and curriculum developer). Hawai'i Farm to School Hui Island Network leads shall be contracted to co-host their island's webinar and support targeted community-level recruitment of participants. The Project Coordinator shall manage webinar registrations and other logistical details. BIISC shall provide graphic design support and social media outreach for broad recruitment of participants.
- Up to four guest experts shall be invited to present at each webinar, including RLWD researchers, health professionals, RLWD Joint Task Force members, teachers implementing the RLWD curriculum, and food producers using RLW host control techniques.
- The webinars shall run for a timespan of two hours each and shall cover the following topics (condensed from the RLWD curriculum, and made available to participants via the [UHH-DKICP website on RLW Education](#)):
  - RLW lifecycle;
  - Global distribution of RLW;
  - Host species identification and citizen science data collection using the RLW Map App;
  - RLWD symptoms and treatment;
  - Best practices for RLWD prevention including Integrated Pest Management (IPM), rainwater catchment management, and food safety;
  - Other relevant research findings; and



- Online and community-based resources.
- In December 2022, the webinar agenda will be reviewed and based on the formative evaluations of the project, modifications will be made if necessary.

### PDE3 Course

- A professional development education (PDE3) course shall be conducted during SY22-23 for teachers across the state of Hawai'i. The PDE3 course (*SC 184011: Engaging students in citizen science through the prevention of rat lungworm disease*) and its associated research-based STEAM curriculum on RLWD were developed by the UHH-DKICP and approved by the HIDOE Office of Curriculum and Instructional Design (OCID) in partnership with the STEM Educational Specialist. The course introduces public health into the STEAM field and trains teachers in the use of citizen science, online education, ArcGIS, and entering/analyzing data in Google sheets. The course and curriculum were piloted in-person by 15 teachers on Hawai'i Island during the 2018-2019 school year. Sixteen teachers completed the course during the 2020-2021 school year, which was offered online for the first time, in collaboration with BIISC.
- The projected attendance for the course shall be 30 P-20 teachers. Participating teachers will disseminate the course information to an estimated 50 students each (at all levels, P-20; ranging from 20 to 150 students per teacher), resulting in dissemination to 1,500 P-20 students during the project year. Importantly, teacher participants from the course conducted in 2021 have indicated that they will continue to include the RLWD instruction as part of their curriculum in the future, indicating that each PDE3 course offered has the potential to impact many more students for years to come.
- The course shall be conducted by three instructors, including lead instructor Franny Brewer (BIISC), middle school instructor and school garden coordinator Wendy Baker (Hawai'i Academy of Arts and Science Public Charter School), and RLWD expert and curriculum developer, Kay Howe.
- In accordance with HIDOE requirements for PDE3, the course will require 24 total contact hours with participants, adequate time for application of knowledge gained into the classroom, reflection by participants on learning/application, and development of a Learning Results Portfolio by each participant.
- In December 2022, the course syllabus will be reviewed and based on the formative evaluations of the project, modifications will be made if necessary.

### RLW Map App Dissemination

- In 2021 BIISC developed an app (using ESRI ArcGIS Experience Builder) that can be used for citizen science data collection on the prevalence, distribution, and control of invasive RLW host species (slugs, snails, and flatworms) in school gardens, home gardens, community gardens, farms, and other localities across the state. This app is available for free and ready for statewide release and use.
- The data gathered via the app shall be housed in a central online database managed by BIISC, HIPHI, and the UHH-DKICP and made available upon request for ongoing research and policymaking for the prevention of RLWD.

- A live webinar shall be offered and the recording published on the [Hawai'i Farm to School Resources Hub](#) and Hawai'i Farm to School Toolkit [School Garden & Food Safety](#) website for the purposes of providing instruction on the use of the app.
- The app shall be utilized as part of the PDE3 course and any necessary modifications based on user feedback will be made in December 2022.

Partnership Building

- The Project Coordinator shall convene regular online planning meetings via Zoom involving project partners from all islands (HIPHI employees, contractors, and other relevant stakeholders) for the purposes of planning upcoming activities and to provide progress updates including successes, challenges, and best practices.

Evaluation

- HIPHI shall contract an external evaluator to assess the activities, outcomes, and effectiveness of the project. Please see Section III.3 below for details.

**2. Provide a projected annual timeline for accomplishing the results or outcomes of the service.**

Table 1. Project Timeline (actual dates are contingent upon release of funds)

July 2022	Execute contracts for PDE3 course instructors, webinar facilitators and co-hosts, app/data manager, communications lead, and project evaluator Finalize agenda and schedule for community webinars and PDE3 course Submit new section of PDE3 course to HIDOE
August 2022	Produce and host app training webinar Promote and distribute app and webinar recording Recruit webinar and course participants
September 2022	Launch PDE3 course Conduct community webinar #1: Hawai'i Island Promote and distribute app and webinar recording Evaluation begins
October 2022	Conduct community webinar #2: Maui Promote and distribute app and webinar recording Evaluation continues
November 2022	Conduct community webinar #3: Lāna'i Promote and distribute app and webinar recording Evaluation continues

December 2022	Mid-year formative evaluation and reporting Modify app as needed Modify course and webinars as needed
January 2023	PDE3 course concludes; participants submit portfolios to instructors Promote and distribute app and webinar recording Evaluation continues
February 2023	PDE3 course instructors submit participant portfolios to HIDOE Conduct community webinar #4: Moloka'i Promote and distribute app and webinar recording Evaluation continues
March 2023	Conduct community webinar #5: O'ahu Promote and distribute app and webinar recording Evaluation continues
April 2023	Conduct community webinar #6: Kaua'i Promote and distribute app and webinar recording Evaluation continues
May 2023	Summative evaluation
June 2023	Project wrap-up and final reporting

**3. Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results.**

HIPHI will work with Dr. Koh Ming Wei, a project evaluator with expertise in the field of environmental and social education. Dr. Koh will lead the development of evaluation tools with direct feedback from all the partners involved.

There are three objectives to evaluate:

1. The impact of the community webinars and PDE3 course on RLWD prevention and mitigation;
2. The integration of digital technology such as the RLW Map App into public awareness and RLWD prevention and mitigation; and
3. The strengthening of networks and partnerships as agencies and organizations coalesce on a health-threatening topic.

For #1 and #2, there are two main foci for assessment and evaluation. The first is the impact of the PDE3 course on teachers' efficacy with the prevention and mitigation of RLWD, including their understanding and application of citizen science as a science learning and teaching method, and the use of digital technology such as the RLW Map

App to collect and understand big data. The second focus is the application of what was learned via the course into classroom lessons, activities, and citizen science opportunities, including the use of the RLW Map App. Tracking of the quantity and location of app downloads will also be included in the assessment. The evaluation tools created will gauge the confidence of the teachers to adapt, implement, and articulate what was learned and whether the resources provided supported the development and implementation of citizen science opportunities. There will also be a shorter pre-post survey developed to gauge the learning and understanding of community members on RLWD prevention and mitigation via the community webinars.

To gauge impact of the PDE3 course, Dr. Koh will lead the development of three tools described below to collect data on the following four research questions:

- Question 1: Will teachers' overall attitudes toward using citizen science for RLWD prevention and mitigation improve after participating in the PDE3 course?
- Question 2: Will teachers' attitudes related to the importance of using citizen science for RLWD prevention and mitigation improve after participating in the PDE3 course?
- Question 3: Will teachers' attitudes related to their productivity within RLWD prevention and mitigation improve after participating in the PDE3 course?
- Question 4: Will teachers' attitudes related to their comfort with using citizen science and digital technology (RLW Map App) for RLWD prevention and mitigation improve after participating in the PDE3 course?

The first tool to be employed will be a pre-post survey of "*Teachers' Attitudes Related to RLWD Prevention Education Experiences*", which will consist of a 7-step semantic differential with 15 adjective pairs covering three sub-profiles: 1) an importance sub-profile; 2) a productivity sub-profile; and 3) a comfort sub-profile. The second tool will be a systematic observation guide. The teacher participants will use this guide during their classroom or school-based citizen science opportunities to collect data on how they perceive student engagement, learning, and behavior in STEAM outdoor experiences, and whether the resources provided were sufficient to support the design, development, and implementation of lessons, activities, and citizen science opportunities. The third and final tool will be a guided self-reflection writing task, where teacher participants will be asked to provide written answers to prompts based on the overall immersive experience. This final tool will be utilized at least three times over the course of the training to track changes in attitude from being exposed to the various components of the proposed teacher training program.

A one-way analysis of variance will be performed on the pre and post data collected through the "*Teachers' Attitudes Related to RLWD Prevention Education Experiences*" survey. The written reflections will be analyzed using the same metrics as the survey, including overall attitudes, importance, productivity, and comfort.

A shorter and simpler pre-post survey will be developed of the community webinars to gauge the participants':

- Awareness of RLWD;
- Empowerment to prevent RLWD; and
- Understanding of strategies to prevent RLWD.

Lastly, Dr. Koh will conduct two focus group discussions among the project partners to highlight how they worked together around this issue, creating an exemplary pathway for others wishing to prevent and mitigate other such diseases.

Information and data from the summative assessments will be used to improve the webinars and PDE3 course during a review in December 2022, mid-way through the project.

Table 2. Evaluation of Project Outcomes

<b>Task</b>	<b>Responsibility</b>	<b>Timeframe</b>	<b>Deliverables</b>	<b>Limitations</b>
Tool adaptation & development	Dr. Koh & partners	Onset of program	PDE3 course: three tools Community webinars: one tool Partners: focus group prompts	None
Focus group discussion #1	Dr. Koh	During planning phase	One-page report on the relationships and shared vision of the group	Time - leaders are always busy and in-demand
Community webinars pre-post survey	Webinar facilitators	Before and after the webinars	Community awareness, empowerment, understanding	Each island is unique, so will need to generalize the experience across islands
Formative assessment – PDE3	PDE3 instructors	Pre-survey: before the PDE3 course.	Direct experience report	None

Pre Attitude survey  Writing task #1		Writing: during PDE3 the course.		
Formative assessment – PDE3  Writing task #2	PDE3 instructors	After the PDE3 course, and before participants' implementation of curriculum with students.	Report on teachers' experiences with developing curriculum and citizen science opportunities	None
Implementation of activities and citizen science observational tool	Dr. Koh	During and after implementation of curriculum with students.	Evidence of student learning (e.g., citizen science outputs)	Time – the school year tends to be a hectic time
Summative assessment – Post Attitude survey  Writing task #3  Focus group discussion #2	Dr. Koh	At project end	Summative Report	Availability of teachers and leaders as the end of school year approaches (re: following up on final evaluations)

- 4. List the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.**

The measures of effectiveness for the project that will be reported to the expending agency are as follows:

1. 6 RLWD online community webinars offered;
2. 1 RLWD online professional development (PDE3) course offered;
3. 180 participants in RLWD community webinars;
4. 30 participants in RLWD PDE3 course;

5. Production and hosting of RLW Map App training webinar.
6. Promotion and dissemination of RLW Map App; and
7. 2,000 RLW Map App users.

## **IV. Financial**

### **Budget**

- 1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.**
  - a. Budget request by source of funds (Attached)
  - b. Personnel salaries and wages (Attached)
  - c. Equipment and motor vehicles (Not Applicable)
  - d. Capital project details (Not Applicable)
  - e. Government contracts, grants, and grants in aid (Attached)
  
- 2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2023.**

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$26,300	\$26,300	\$26,300	\$26,215	\$105,115

- 3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2023.**

Matching funds for the Rat Lungworm Disease Prevention Through Education project that are anticipated to be available during fiscal year 2023 include the following:

- \$10,000 in state funding for BIISC personnel (salary and fringe); and
- \$12,000 in state funding for UHH-DKICP personnel (\$10,000 salary and fringe) and printing of RLWD Activity Books for course participants and webinar participants upon request (\$2,000 printing).

Currently there are no other anticipated sources of funding that will be available for the proposed project during fiscal year 2023.

In order to continue its overall work in farm to school, HIPHI consistently pursues federal, state, and private funding opportunities to support the needs of the Hawai'i Farm to School Hui, including staffing (Coordinator and Special Projects Coordinator positions) and programming (Hawai'i Youth Food Council, Farm to Early Care and Education, Hawai'i Garden to Cafeteria Program, Curriculum and Professional Development, etc.). The following funding sources are being or will be sought for fiscal year 2023 for HIPHI's overall farm to school programming efforts:

- USDA Community Food Projects (CFP) Grant (submitted December 2021): .14FTE Hui Coordinator (\$12,500 salary and fringe per year x 3 years) as Project Director for statewide summer feeding and tree planting program.
- Private foundations for match toward USDA CFP above: .19FTE Hui Coordinator (\$17,000 salary and fringe per year x 3 years).
- USDA Farm to School Grant (submitted January 2022): .04FTE Hui Coordinator (\$3,550 salary and fringe per year x 2 years) as Project Director for Hawai'i Garden to Cafeteria Program.
- Hawai'i Department of Health SNAP-Ed program (anticipated requests in September 2022): .50FTE Hui Coordinator (\$44,500 salary and fringe) and .44FTE Hui Special Projects Coordinator (\$30,000 salary and fringe).

- 4. The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.**

HIPHI has neither applied for nor has been granted any state and federal tax credits within the prior three years.

- 5. The applicant shall provide a listing of all federal, state, and county government contracts, grants, and grants in aid it has been granted within the prior three years and will be receiving for fiscal year 2023 for program funding.**

Please see the attached "Government Contracts, Grants, and/or Grants in Aid" sheet.

- 6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2021.**

The balance of the Hawai'i Farm to School Hui's unrestricted current assets as of December 31, 2021 is \$3,200. The balance of HIPHI's unrestricted current assets as of December 31, 2021 is \$450,000.

## **V. Experience and Capability**

### **1. Necessary Skills and Experience**

**The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.**



The Hawai'i Farm to School Hui established the Rat Lungworm Disease Prevention Through Education project in 2017 in collaboration with the Dr. Susan Jarvi Lab at UHH-DKICP and with discrete funding awards from HDOH. The Hawai'i Farm to School Hui has performed the following key project activities to date:

- Organized a day-long RLWD workshop on O'ahu in July 2018, introducing educators to the new RLWD curriculum developed by UHH-DKICP. Worked with a filmmaker to record the presentation and activities; videos are available on the Hawai'i Farm to School Hui YouTube channel.
- Helped secure HDOH funding (\$49,959) and coordinated with Lead Instructor Kay Howe and BIISC to: 1) conduct the first RLWD PDE3 course on Hawai'i Island during SY18-19, and 2) provide RLWD community workshops on all islands in collaboration with the Hawai'i Farm to School Hui Island Networks for the prevention of RLWD and to promote use of the UHH-DKICP RLWD curriculum.
  - A one-day community workshop was held on Hawai'i Island in Fall 2018, and day-long community workshops were held during June 2019 on the islands of Kaua'i, O'ahu, Molokai, and Maui. Content was based on the RLWD curriculum.
  - Sixty seven participants attended the four workshops in June 2019 from Hawai'i public and independent K-12 schools, non-profit and community-based organizations, state agencies including HIDOE, HDOH, DLNR, and UH CTAHR, the O'ahu, Maui, and Kaua'i Invasive Species Committees, the Hawai'i Farmers Union United/Hana Chapter, several farms and ranches, and a commercial pest control company.

The Hawai'i Farm to School Hui hosts a number of useful resources on the [Hawai'i Farm to School Resources Hub](#) and new [Hawai'i Farm to School Toolkit](#) (launched October 1, 2021 and made possible via USDA NIFA FASLP Award No. 2020-70026-33222). Materials related to RLWD prevention and food safety include:

- RLWD Activity Book (UHH)
- RLWD Curriculum (UHH)
- Public service announcement for RLWD prevention (HDOH)
- Webinar recording on curricular resources for RLWD prevention through education (Hawai'i Farm to School Hui)
- School garden safety manual and poster (Hawai'i Farm to School Hui)
- School garden safety video (Waikiki School)
- Hawai'i Garden to Cafeteria Plan, online application, and webinar recording (Hawai'i Farm to School Hui and HIDOE School Food Services Branch)

Since 2010, the Hawai'i Farm to School Hui has served as the foremost advocate, convener, and driver of Hawaii's farm to school movement. The Hawai'i Farm to School Hui and its five Island Networks serve as the essential bridge between communities, government, and other statewide and national entities. The Island Networks and their host organizations include:

- Kaua'i Farm to School Hui and Kaua'i School Garden Network: Mālama Kaua'i;

- O‘ahu Farm to School Network: ‘Iolani School and HIPHI;
- Moloka‘i Farm to School Network: Sustainable Moloka‘i;
- Maui Farm to School Network (includes Lāna‘i): Grow Some Good; and
- Hawai‘i Island School Garden Network: Māla‘ai.

The Island Networks will play a leading role in recruiting participants for the RLWD community webinars and PDE3 course, and for dissemination of the RLW Map App. For over a decade, the Hawai‘i Farm to School Hui and Island Networks have build partnerships, developed curricula and other resources, and conducted many community-based workshops, webinars, courses, and statewide conferences, a selection of which includes:

- 2008 - 2014: Annual statewide School Garden Conferences for educators;
- 2012 - Present: Annual Kū ‘Āina Pā PDE3 course hosted by Hawai‘i Island School Garden Network, O‘ahu Farm to School Network, and partners for standards-based, garden-based learning supported by the Hawai‘i School Garden Curriculum Map;
- 2014: Statewide Hawai‘i Farm to School Conference
- 2014 - Present: Annual ‘ĀINA In Schools PDE3 course hosted by Kōkua Hawai‘i Foundation, based on the ‘ĀINA In Schools curriculum for gardening, composting, and nutrition;
- 2015 - 2019: Co-convening with UH CTAHR of the P-20 Agriculture Education Working Group with annual reports to the legislature;
- 2016 - 2018: Development of a School Garden Safety Manual and Poster, and provision of school garden safety workshops statewide;
- 2018 - Present: Development and piloting of the Hawai‘i Garden to Cafeteria Program in partnership with HIDOE School Food Services Branch and Slow Food USA;
- 2018 - 2021: Development, piloting, and launch of the ‘Ulu Education Toolkit in collaboration with Hawai‘i ‘Ulu Cooperative and UH College of Education STEMS<sup>2</sup> program;
- 2021 - Present: Development and dissemination of the Hawai‘i Farm to School Toolkit; and
- Other community- and school-based workshops and webinars on the topics of Peace Gardens, Farm to ECE (e.g., Farm to Keiki), garden-based STEM learning, and local food procurement for Hawaii’s schools.

Much of the Hawai‘i Farm to School Hui’s work is guided and carried out by an all-volunteer Steering Committee and the following active working groups of the Hawai‘i Farm to School Hui:

- Communications & Outreach
- Curriculum & Professional Development
- Farm to Early Care and Education (ECE)
- Legislation & Policy
- Hawai‘i Youth Food Council (HYFC) and HYFC Adult Allies

- School Gardens (includes School Garden and Food Safety; Garden to Cafeteria; Peace Gardens)
- School Food Systems

## **2. Facilities**

**The applicant shall provide a description of its facilities and demonstrate its adequacy in relation to the request. If facilities are not presently available, describe plans to secure facilities.**

The Hawai'i Farm to School Hui is headquartered at the HIPHI offices in downtown Honolulu, with access to administrative support personnel, office equipment, and supplies. All educational offerings (PDE3 course, community webinars, app training webinar) will be offered online via Zoom using HIPHI's Zoom accounts.

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

### **1. Proposed Staffing, Staff Qualifications, Supervision and Training**

**The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.**

#### Lydi Bernal, Project Director

Lydi has over a decade of experience building school garden programs and growing Hawaii's farm to school movement. In 2014 she became the founding coordinator of the Hawai'i Farm to School Hui. Prior to her role as Hui Coordinator, Lydi served as Garden Education Coordinator with the Kōkua Hawai'i Foundation where she was the lead author of the 'ĀINA In Schools garden and compost curriculum and led trainings for several hundred teachers and volunteers annually. She is a certified O'ahu Master Gardener and graduate of Hawaii's Agricultural Leadership Program. As Coordinator of the Hawai'i Farm to School Hui, Lydi manages the Hui's work with support from an active Steering Committee along with eight active working groups. Lydi's commitment to RLWD prevention was sparked in 2015 when three of her friends contracted RLWD: two by eating under-washed lettuce from a farmers' market and one by accidentally ingesting a slug in a restaurant salad. In her role as Project Director, Lydi will supervise project personnel, manage the project budget and contracts, and ensure completion of project deliverables and reporting.

#### Olivia Whittemore, Project Coordinator

Olivia "Liv" Whittemore is the Hawai'i Farm to School Hui Special Projects Coordinator with HIPHI, overseeing coordination of the Hawai'i Youth Food Council and Hawai'i

Farm to School Toolkit projects. After earning her B.A. in Environmental Studies and International Relations from Saint Michael's College in Vermont in 2016, she has explored various food systems professions including vegetable and livestock farmer, greenhouse manager, agricultural soil loss technical assistant, and sustainable food systems advocate. Liv discovered she had a knack for "translating" complex legal jargon for agricultural and environmental regulations such as the Food Safety Modernization Act (FSMA) and clean water statutes for small scale food producers' everyday understanding and implementation. While serving her community as a 4H Counselor with a focus on greenhouse and market garden cultivation, Liv found a passion for teaching regenerative agriculture, integrated pest management, and food safety to the next generation. She is committed to supporting young people in finding their passions in food systems and environmental careers.

Franny Kinslow Brewer, Lead Instructor

M.A. Education Chaminade Univ; B.A. Biology UH-Hilo; Certificate: Sustainability & Behavior Change UCSD:

- Communications Director for the Big Island Invasive Species Committee (BIISC), lead for outreach and education program;
- Former teacher at Ka'ū Middle School (ELL/ELA, Science), Laupāhoehoe Community Public Charter School (Middle and High School Science);
- Highly Qualified in Science and English Language Arts (ELA);
- Trained in Project-Based Learning (PBL) through Buck Institute and Mid-Pac Kupu Hou Academy; and
- Experienced and passionate about experiential and hands-on place-based learning opportunities for students and teachers.

Wendy Baker, Assistant Instructor

B.A. Cultural Anthropology; Certifications: 1-12 Education, 6-12 Social Studies, Waldorf, Garden Education:

- Assistant Director of Hawai'i Island School Garden Network;
- High School Social Studies Teacher Hawai'i Academy of Arts and Science (HAAS) Public Charter School (PCS);
- Garden to Grinds Coordinator, HAAS PCS;
- Highly Qualified in Social Sciences;
- Trained in Project-Based Learning (PBL) through Project Learning Tree; and
- Experienced and passionate about experiential and hands-on place-based learning opportunities for students and teachers.

Kay (Kathleen) Howe, Assistant Instructor

M.S. Tropical Conservation Biology and Environmental Science, UH Hilo; B.A. Place-based education Antioch Univ. Seattle:

- Curriculum Development Specialist, Research Assistant with the Dr. Susan Jarvi Lab at UHH-DKICP with a focus on the rat lungworm since 2012;
- Participated in multiple studies conducted at the UHH Jarvi lab relating to RLW/RLWD;

- Developed STEM/STEAM curriculum RLWD prevention, currently in use at Hawai'i K-12 schools;
- Developed IPM plan for control of intermediate hosts for Hawai'i school garden projects;
- Instructor for professional development education courses for Hawai'i K-12 teachers using the RLWD prevention curriculum;
- In collaboration with the Hawai'i Farm to School Hui, conducted workshops on the main Hawaiian Islands for educators, farmers, and the general public on RLWD prevention;
- Author of peer-reviewed papers on RLW/RLWD;
- Trained in Place-Based/Project-Based Learning by the State Environment Education Roundtable (SEER), creators of Environment as an Integrating Context for Learning (EIC™) model;
- Former teacher at Na Wai Ola PCS grades 9-12 (LA/Art) and Kanu o ka 'Āina PCS grades 6-12 (math, science, school garden); and
- Intimate knowledge of RLWD.

#### Dr. Koh Ming Wei, Evaluator

Dr. Koh was the project evaluator for the following projects that are pertinent to the RLWD Prevention Through Education project:

- Charter School Farm to School Development funded by the Healy Foundation, 2017 - 2019;
- Teaching Change: Climate change education, funded by the USDA, Hawai'i Community Foundation, Gear Up, and NOAA BWET, 2015 - present;
- Republic of the Marshall Islands Public School System Learning Gardens program, funded by the Department of the Interior and National Science Foundation, 2015 - Present; and
- Aloha 'Āina Academy, USDA NIFA Award #2021-67037-34214, 2021 - Present.

Dr. Koh conducted summative and formative assessments both qualitatively and quantitatively, including developing and administering evaluation tools, collating and analyzing the data, and writing reports on the findings.

## **2. Organization Chart**

**The applicant shall illustrate the position of each staff and line of responsibility/supervision. If the request is part of a large, multi-purpose organization, include an organization chart that illustrates the placement of this request.**

Please see the attached "Hawai'i Public Health Institute Organization Chart."

### 3. Compensation

**The applicant shall provide an annual salary range paid by the applicant to the three highest paid officers, directors, or employees of the organization by position title, not employee name.**

The annual salary range paid by HIPHI to its three highest paid employees is \$80,750 to \$125,000 for the Policy Director, Programs Director, and Chief Executive Officer.

## **VII. Other**

### 1. Litigation

**The applicant shall disclose any pending litigation to which they are a party, including the disclosure of any outstanding judgement. If applicable, please explain.**

Hawai'i Public Health Institute is not part of any pending litigation.

### 2. Licensure or Accreditation

**The applicant shall specify any special qualifications, including but not limited to licensure or accreditation that the applicant possesses relevant to this request.**

The Hawai'i Farm to School Hui and HIPHI are uniquely positioned, experienced, and equipped to connect the public, private, and non-profit sectors and Hawaii's communities to actively and successfully address this critical economic and public health issue for our state. This project is poised to serve as an empowering model for communities across the globe who are currently affected or will in the future be impacted by RLWD.

### 3. Private Educational Institutions

**The applicant shall specify whether the grant will be used to support or benefit a sectarian or non-sectarian private educational institution. Please see [Article X, Section 1, of the State Constitution](#) for the relevance of this question.**

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

#### **4. Future Sustainability Plan**

**The applicant shall provide a plan for sustaining after fiscal year 2022-23 the activity funded by the grant if the grant of this application is:**

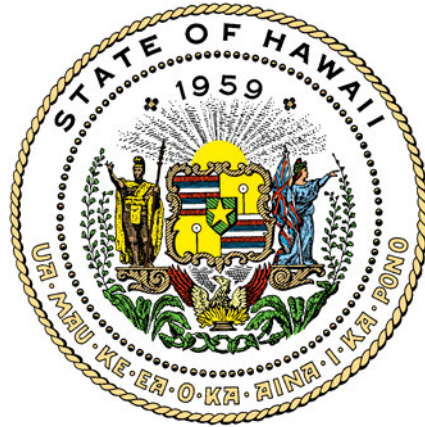
- (a) Received by the applicant for fiscal year 2022-23, but**
- (b) Not received by the applicant thereafter.**

The PDE3 course and community webinars made possible by this project will deliver critically needed information and action tools to key organizations, agencies, associations, and individuals. The educational opportunities offered will build awareness and motivation among these groups so that they will take action toward integrating RLWD prevention into their ongoing scopes of work. For example, because HIPHI coordinates statewide networking and workforce development efforts for community health workers (CHWs), this project will drive increased coordination and involvement among CHWs to play an active and ongoing role in RLWD prevention within their communities.

Creation and sustained funding of the following two key state-level positions will ensure that Hawaii's P-20 teachers and schools have continued access to, awareness of, and support for utilization of educational materials and professional development opportunities for RLWD prevention:

1. HIDOE School Garden Specialist in the Office of Curriculum and Instructional Design; and
2. UH CTAHR P-20 Agriculture Education Coordinator.

We believe in the power of public/private/non-profit partnerships for the solving of society's most difficult challenges. In order to continue the work of the Rat Lungworm Disease Prevention Through Education project, the Hawai'i Farm to School Hui and HIPHI will continue to seek funding from private foundations and county, state, and federal government partners, while working collaboratively with various state agencies to explore a long-term collective commitment to equipping and empowering Hawaii's communities to play an active and ongoing role in RLWD prevention.



## Department of Commerce and Consumer Affairs

### CERTIFICATE OF GOOD STANDING

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

HAWAII PUBLIC HEALTH INSTITUTE

was incorporated under the laws of Hawaii on 10/09/2006 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.



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

Dated: January 20, 2022

Director of Commerce and Consumer Affairs



**DECLARATION STATEMENT OF  
APPLICANTS FOR GRANTS PURSUANT TO  
CHAPTER 42F, HAWAI'I REVISED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

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

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

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

Hawai'i Public Health Institute  
(Typed Name of Individual or Organization)  
**Jessica Yamauchi** Digitally signed by Jessica Yamauchi  
Date: 2022 01 20 12:12:08 10 00 **January 20, 2022**  
(Signature) (Date)

Jessica Yamauchi Chief Executive Officer  
(Typed Name) (Title)

## BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2022 to June 30, 2023

Applicant: Hawaii Public Health Institute

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Matching State Funds Secured (d)
<b>A. PERSONNEL COST</b>				
1. Salaries	22,400			15,040
2. Payroll Taxes & Assessments				
3. Fringe Benefits	6,900			4,960
<b>TOTAL PERSONNEL COST</b>	<b>29,300</b>			<b>20,000</b>
<b>B. OTHER CURRENT EXPENSES</b>				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies	3,000			
7. Telecommunication				
8. Utilities				
9. Contractual Services: PDE3 Course Instructors (3)	30,000			
10. Contractual Services: Community Webinar Facilitators (2 x 6 webinars)	6,000			
11. Contractual Services: Community Webinar Island Network Co-Hosts	3,000			
12. Contractual Services: Software App & Data Maintenance; App Training Webinar	4,000			
13. Contractual Services: Communications (Graphic Design & Marketing)	2,000			
14. Contractual Services: Project Evaluation	12,500			
15. Printing & Mailing	1,500			2,000
16. Stipends: Webinar Guest Experts	1,200			
17. HIPHI Administrative Fee (12%)	12,615			
<b>TOTAL OTHER CURRENT EXPENSES</b>	<b>75,815</b>			<b>2,000</b>
<b>C. EQUIPMENT PURCHASES</b>				
<b>D. MOTOR VEHICLE PURCHASES</b>				
<b>E. CAPITAL</b>				
<b>TOTAL (A+B+C+D+E)</b>	<b>105,115</b>			<b>22,000</b>
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	105,115	Lydi Bernal	808-591-6508 x 17	
(b) Total Federal Funds Requested	0	Name (Please type or print) <span style="float: right;">Phone</span>		
(c) Total County Funds Requested	0	Jessica Yamauchi	1/21/22	
(d) Total Matching State Funds Secured	22,000	Signature of Authorized Official <span style="float: right;">Date</span>		
<b>TOTAL BUDGET</b>	<b>127,115</b>	Jessica Yamauchi, Chief Executive Officer		
		Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES Period: July 1, 2022 to June 30, 2023

Applicant: Hawaii Public Health Institute

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Hawaii Farm to School Hui Coordinator (Project Director)	1	\$68,000.00	10.00%	\$ 6,800.00
Hawaii Farm to School Hui Special Projects Coordinator (Project Coordinator)	1	\$52,000.00	30.00%	\$ 15,600.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>TOTAL:</b>				22,400.00
<b>JUSTIFICATION/COMMENTS:</b> The Project Director shall supervise project personnel, manage the project budget and contracts, and ensure completion of project deliverables and reporting. The Project Coordinator shall provide coordination of logistics and communications for all aspects of the project (planning meetings, partnership building, community webinars and course offerings, app dissemination, and support for project documentation, evaluation, and reporting).				

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

Applicant: Hawaii Public Health Institute

Contracts Total: 21,163,883

	<b>CONTRACT DESCRIPTION</b>	<b>EFFECTIVE DATES</b>	<b>AGENCY</b>	<b>GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)</b>	<b>CONTRACT VALUE</b>
1	Tobacco Prevention and Education Program	3/29/18 - 3/28/19	Department of Health	Hawaii State	200,000
2	Provide four in-person professional development workshops for the members of the Hawaii Farm to School Hui	6/15/18 - 6/14/19	Department of Health	Hawaii State	15,000
3	Facilitate the Maui Coalition for Drug-Free Youth, an underage drinking prevention coalition	7/1/18 - 6/30/19	Department of Housing and Human Concerns	Maui County	25,000
4	Develop and administer at least six Hawaii-based trainings for the health workforce professional groups	7/1/18 - 6/30/19	Department of Health Resources and Services Administration	U.S.	73,000
5	Prevention of youth substance use via Maui Coalition for Drug-Free Youth	9/30/18 - 9/29/19	Department of Health and Human Services	U.S.	125,000
6	Promote healthy eating and active living in Hawaii through one state and three county Nutrition and Physical Activity Coalitions	1/1/19 - 12/31/19	Department of Health	Hawaii State	250,000
7	To provide technical assistance, coordination, and training to community health workers, patient navigators, care coordinators, and other community health workers in the provision of high blood pressure, high blood cholesterol and type 2 diabetes prevention and management.	2/1/19 - 6/29/19	Department of Health	Hawaii State	49,968
8	Build capacity and develop infrastructure for community-based food systems across Maui County	2/13/19 - 9/30/19	Department of Health	Hawaii State	48,950
9	Tobacco Prevention and Education Program	3/29/19 - 3/28/20	Department of Health	Hawaii State	200,000
10	Provide logistical support for meetings of the Early Childhood Comprehensive Systems Impact grant advisory and community-based teams on Maui and Oahu.	4/2/19 - 7/31/19	Department of Health	Hawaii State	3,600
11	Facilitate the development of Statewide Oral Health Coalition foundational and infrastructural items	4/15/19 - 6/30/19	Department of Health	Hawaii State	14,995

12	Plan, convene, and facilitate at least three meetings with diverse school health services stakeholders in order to improve collaboration and coordination of the delivery of health services in Hawaii Department of Education schools statewide	6/14/19 - 6/15/20	Department of Education	Hawaii State	14,500
13	Develop and administer at least six Hawaii-based trainings for the health workforce professional groups	7/1/19 - 6/30/20	Department of Health Resources and Services Administration	U.S.	73,000
14	Facilitate the Maui Coalition for Drug-Free Youth, an underage drinking prevention coalition	7/1/19 - 6/30/20	Department of Housing and Human Concerns	Maui County	25,000
15	Prevention of youth substance use via Maui Coalition for Drug-Free Youth	9/30/19 - 9/29/20	Department of Health and Human Services	U.S.	125,000
16	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues for the Puna, Hilo and Hamakua communities	9/30/19 - 9/29/20	Department of Health	Hawaii State	110,000
17	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues in the County of Maui	9/30/19 - 9/29/20	Department of Health	Hawaii State	110,000
18	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues for a statewide geographic community	9/30/19 - 9/29/20	Department of Health	Hawaii State	110,000
19	Coordination of the Hawaii Farm to School Hui	10/15/19 - 9/30/20	Department of Health	Hawaii State	40,000
20	Provide four in-person quarterly meetings of the Hawaii Farm to School Hui	11/1/19 - 9/30/20	Department of Health	Hawaii State	49,990
21	To provide technical assistance, coordination, and training to community health workers, patient navigators, care coordinators, and other community health workers in the provision of high blood pressure, high blood cholesterol and type 2 diabetes prevention and management.	10/14/19 - 6/29/20	Department of Health	Hawaii State	49,375
22	Build capacity and develop infrastructure for community-based food systems across Maui County	10/14/19 - 9/30/20	Department of Health	Hawaii State	48,948
23	To coordinate trainings and engagement between Hawaii's Rural Health Clinics	12/9/19 - 6/30/2020	Department of Health	Hawaii State	49,000

24	To provide logistical support meeting of the Early Childhood Comprehensive System Impact grant advisory and community-based teams on Maui and Oahu.	12/19/19 - 7/31/20	Department of Health	Hawaii State	3,600
25	Promote healthy eating and active living in Hawaii through one state and three county Nutrition and Physical Activity Coalitions	1/1/20 - 12/31/20	Department of Health	Hawaii State	250,000
26	Provide coalition building services to support Hawai'i Oral Health Coalition's growth and subsequent community capacity building as well as to establish a current baseline for the integration of oral health into overall healthcare across Hawai'i.	3/25/2020 - 12/31/2020	Department of Health	Hawaii State	49,000
27	Tobacco Prevention and Education Program	3/29/2020 - 6/30/2020	Department of Health	Hawaii State	50,000
28	Facilitate the development of Hawaii CHW Association foundational and infrastructural activities.	4/20/2020 - 6/30/2020	Department of Health	Hawaii State	4,995
29	Coordinate activities and implement a "Quick Build" demonstration project to improve local communities.	06/01/20 - 05/30/21	Department of Health	Hawaii State	49,500
30	Tobacco Prevention and Education Program	06/29/20 - 04/28/22	Department of Health	Hawaii State	300,000
31	Provide coordination and planning in response to food insecurities in the City during COVID-19 emergency.	07/01/20 - 06/30/21	Department of Community Services	Honolulu County	375,000
32	Facilitate, develop, and implement CHW action plan and training events.	07/01/20 - 06/29/21	Department of Health	Hawaii State	99,000
33	Economic support for food deliveries and support services during COVID-19 pandemic.	07/01/20 - 12/30/20	Department of Community Services	Honolulu County	3,000,000
34	Provide training and logistical coordination for the Hawaii Alzheimer's Disease Supportive Services Program.	07/01/20 - 03/31/22	Department of Health	Hawaii State	14,445
35	Organize, coordinate, and facilitate three webinars and apply for continuing education credits.	07/01/20 - 09/30/20	Department of Health	Hawaii State	1,350
36	Strengthen regional food economy through community collaboration, public-private partnerships, applied research, and coordination of food system stakeholders.	09/01/20 - 08/31/22	Department of Agriculture	U.S.	224,840
37	Support partnerships to plan and develop local or regional food systems.	09/20/20 - 09/29/22	Department of Agriculture	U.S.	249,466
38	Prevention of youth substance use via Maui Coalition for Drug-Free Youth.	09/30/20 - 09/29/21	Department of Health and Human Services	U.S.	125,000

39	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues in the County of Maui.	09/30/20 - 09/29/21	Department of Health	Hawaii State	110,000
40	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues for the Puna, Hilo and Hamakua communities.	09/30/20 - 09/29/21	Department of Health	Hawaii State	110,000
41	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues for a statewide geographic community.	09/30/20 - 09/29/21	Department of Health	Hawaii State	110,000
42	Provide project coordination, planning, and implementation of the Hawai'i Youth Food Council.	10/01/20 - 09/30/21	Department of Health	Hawaii State	33,000
43	Build capacity and develop infrastructure for community-based food systems across Maui County.	10/01/20 - 09/30/21	Department of Health	Hawaii State	49,600
44	Coordination of the Hawaii Farm to School Hui.	10/01/20 - 09/30/21	Department of Health	Hawaii State	49,994
45	Beta testing for COVID-19 tracing app on Kauai.	11/15/20 - 12/30/20	Office of Economic Development	Kauai County	10,000
46	Compilation and dissemination of COVID-19 data and information to public health stakeholders.	12/01/20 - 03/31/22	Department of Health	Hawaii State	2,000
47	Partner with CHWs to create and disseminate culturally appropriate materials to communities impacted by COVID-19	12/09/20 - 01/15/21	Department of Health	Hawaii State	39,500
48	Build capacity and develop infrastructure for community-based food systems across Maui County.	12/14/20 - 06/30/22	Department of Health	Hawaii State	26,000
49	Promote healthy eating and active living in Hawaii through one state and three county Nutrition and Physical Activity Coalitions	01/01/21 - 12/31/21	Department of Health	Hawaii State	250,000
50	Partner with Filipino Community Center to create and disseminate COVID materials to the Filipino community.	02/18/21 - 06/30/21	Department of Health	Hawaii State	49,500
51	Coordination and planning for equitable COVID-19 vaccination efforts.	03/01/21 - 06/30/21	Department of Community Services	Honolulu County	100,000
52	Facilitate the development of Hawaii CHW Association foundational and infrastructural activities.	04/01/21 - 06/30/21	Department of Health	Hawaii State	11,350
53	Assemble and distribute learning toolkits to participating teachers and provide technical expertise.	04/28/21 - 05/31/22	University of Hawaii	Hawaii State	24,725
54	Strengthen oral health messaging.	05/01/21 - 06/30/22	Department of Health	Hawaii State	49,000

55	Host an underage drinking prevention activity on the Island of Hawaii.	05/07/21 - 12/31/21	Substance Abuse and Mental Health Services Administration	U.S.	750
56	Provide project management services to develop nutrition guidelines for Hawaii's food banks.	05/24/21 - 12/31/21	Department of Health	Hawaii State	49,500
57	COVID-19 vaccination outreach targeting CDC's most vulnerable populations.	06/01/21 - 04/15/22	Department of Health and Human Services	U.S.	516,330
58	Education and awareness campaign on youth vaping.	06/04/21 - 06/30/21	Hawai'i County	Hawaii County	2,000
59	Support or provide access to food or meals for approximately 5,500 elderly persons.	06/10/21 - 06/09/23	Department of Community Services	Honolulu County	1,357,380
60	Assess the potential certification/licensing of Hawaii's Community Health Workers (CHW).	06/15/21 - 06/30/22	Department of Health	Hawaii State	49,500
61	Plan, convene, and facilitate at least two meetings with diverse school health services stakeholders in order to improve collaboration and coordination of the delivery of health services in HDOE schools statewide	06/15/21 - 12/30/21	Department of Education	Hawaii State	24,500
62	Partner with CHWs to disseminate DOH COVID-19 vaccination guidance to Native Hawaiian, Pacific Islander, and Filipino communities.	06/18/21 - 12/31/21	Department of Health	Hawaii State	49,750
63	Work with two institutions in Hawaii County to improve local food purchasing and develop baseline system to measure progress.	06/23/21 - 06/30/22	Department of Research and Development	Hawaii County	25,000
64	Develop a PSA to improve road safety in Maui County.	06/30/21 - 12/31/21	Office of Economic Development	Maui County	20,000
65	Facilitate, develop, and implement CHW action plan and training events.	06/30/21 - 06/29/22	Department of Health	Hawaii State	76,000
66	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues for the Puna, Hilo and Hamakua communities.	09/30/21 - 09/29/22	Department of Health	Hawaii State	110,000
67	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues in the County of Maui.	09/30/21 - 09/29/22	Department of Health	Hawaii State	110,000
68	Increase the capacity of community coalitions to mobilize to address underage drinking and related issues for a statewide geographic community.	09/30/21 - 09/29/22	Department of Health	Hawaii State	110,000
69	Prevention of youth substance use via Maui Coalition for Drug-Free Youth.	09/30/21 - 09/29/22	Department of Health and Human Services	U.S.	125,000



70	Build capacity and develop infrastructure for community-based food systems across Maui County.	10/01/21 - 09/30/22	Department of Health	Hawaii State	49,487
71	Coordination of the Hawaii Farm to School Hui.	10/01/21 - 09/30/22	Department of Health	Hawaii State	49,994
72	Provide project coordination, planning, and implementation of the Hawai'i Youth Food Council.	10/01/21 - 09/30/22	Department of Health	Hawaii State	33,000
73	Provide access to COVID-19 vaccination information for the Filipino population.	10/08/21 - 03/01/22	Department of Health	Hawaii State	49,500
74	Mobilize partners and collaborators to advance health equity and address social determinants of health as they relate to COVID-19 health disparities.	12/01/21 - 05/31/23	Department of Health	Hawaii State	1,975,000
75	Address COVID-19-related health disparities and advance health equity by developing and expanding capacity and services to prevent and control COVID-19 infection and transmission among higher risk and underserved populations.	12/01/21 - 11/30/22	Department of Health	Hawaii State	8,500,000
76	Promote healthy eating and active living in Hawaii through one state and three county Nutrition and Physical Activity Coalitions	01/01/22 - 12/31/22	Department of Health	Hawaii State	250,000

# Hawai'i Public Health Institute Organizational Chart

