

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

Type of Grant Request:

Operating Capital

Legal Name of Requesting Organization or Individual: Db/a:
Akaka Foundation for Tropical Forests Akaka Foundation for Tropical Forests

Amount of State Funds Requested: \$ _____

Brief Description of Request (Please attach word document to back of page if extra space is needed):

Please see attached sheet of paper.

Amount of Other Funds Available:

State: \$ N/A
Federal: \$ \$30,000 (In kind)
County: \$ N/A
Private/Other: \$ \$46,451

Total amount of State Grants Received in the Past 5 Fiscal Years:

\$ 0

Unrestricted Assets:

\$ 13,500 (excludes salary/program funds)

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:

C/O Cades Schutte LLP P.O. Box 1525

City: State: Zip:
Kamuela HI 96743

Contact Person for Matters Involving this Application

Name:
Rebekah Ohara
Email:
rebekah@akakaforests.org

Title:
Director of Programs
Phone:
(808) 895-6991

Federal Tax ID#: _____

State Tax ID# _____

Paul Nakayama
Authorized Signature

Paul I. Nakayama
Name and Title

1/16/2019
Date Signed

received
1/17/19 10:00 am JR

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, 2018.

2. Declaration Statement

The applicant shall submit a declaration statement affirming its compliance with Section 42F-103, Hawaii Revised Statutes. (✓)

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. (✓)

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;
2. The goals and objectives related to the request;
3. The public purpose and need to be served;
4. Describe the target population to be served; and
5. Describe the geographic coverage.

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:

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 2020 for program funding.
6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2018.

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.

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.

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.

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.

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.

**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS PURSUANT TO
CHAPTER 42F, HAWAII REVISIED 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, Hawaii 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, Hawaii 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, Hawaii 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, Hawaii 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.

Akaka Foundation for Tropical Forests

(Typed Name of Individual or Organization)


(Signature)

January 16, 2019
(Date)

Paul I. Nakayama
(Typed Name)

President
(Title)

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2019 to June 30, 2020

Applicant: Akaka Foundation for Tropical Forests

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Million 'Ōhi'a Initiative Program Coordinator	1	\$47,500	100	\$ 47,500
Director of Programs, Akaka Foundation for Tropical Forests	.625	\$32,500	.40	\$ 13,000
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				\$ 60,500

JUSTIFICATION/COMMENTS: Remaining funding to support the Director of Programs and our other staff and interns comes from a USDA Forest Service agreement and various private foundation grants.

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2019 to June 30, 2020

Applicant: Akaka Foundation for Tropical Forests

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2017-2018	FY: 2018-2019	FY:2019-2020	FY:2019-2020	FY:2020-2021	FY:2021-2022
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
TOTAL:						
JUSTIFICATION/COMMENTS: This is not a capital project request.						



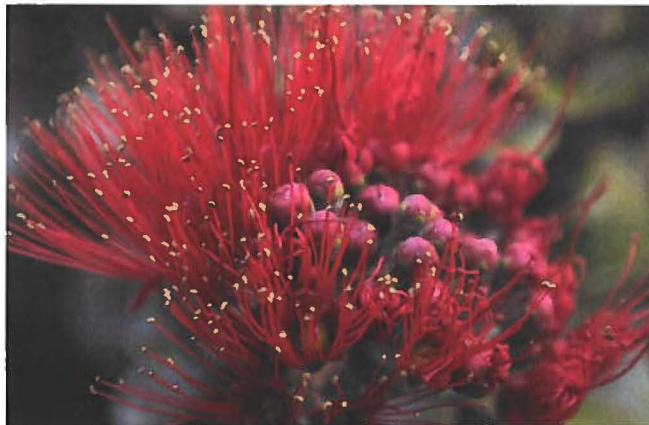
Ulu Lehulehu Million 'Ōhi'a Initiative

A Program of the Akaka Foundation for Tropical Forests



The Late Senator Daniel K. Akaka planting one of the Million 'Ōhi'a Initiative's first trees with Ulu Lehulehu interns in Laupāhoehoe.

Biologically and culturally, 'Ōhi'a Lehua is Hawaii's most important tree species, but 'ōhi'a is being impacted by many threats. The 'ōhi'a tree is being lost from much of the Hawaiian landscape due to deforestation and development, invasive species, and disease. There is an enormous need to increase the abundance of 'ōhi'a in the places where we live and work. The goal of this project is to plant one million disease resistant individuals of this keystone species across our main Hawaiian islands in the next 10 years! Imagine Hawai'i being among the many successful million tree initiatives across the United States such as Million Trees NYC, Mile High Million Denver, and Million Trees Miami which have inspired us. The planting of one million trees across Hawai'i will require public-private partnerships. Reaching this goal will help restore health of 'ōhi'a forests statewide while creating urban and community forests that emphasize both the cultural and ecological on the importance of 'ōhi'a.



Ulu Lehulehu Program Goals

The goal of Ulu Lehulehu is to honor the biocultural importance of 'ōhi'a in Hawai'i by connecting people to, and creating landscapes abundant in 'ōhi'a. Our hope is that all people of Hawai'i will gain and maintain a personal connection with 'ōhi'a, whether through planting an 'ōhi'a in their backyard, at school, a community park, or in a natural area.

The overall expected outcomes of this project will be: (i) increased public awareness of the biological and cultural importance of the 'ōhi'a tree, and (ii) increased use and number of 'ōhi'a trees in our communities and natural areas..

Ulu Lehulehu Program Objectives



Community Education and outreach

Provide free opportunities and workshops to learn about biological and cultural importance of 'ōhi'a in our daily lives and build relationships between people and the 'āina by planting trees at home and with-in the community



Urban / Community Forestry

Promote outplanting of 'ōhi'a in developed areas (residential and commercial), and build partnerships between plant nurseries, landscapers, the public, county/state organizations, and non-profits



Native Forest Restoration

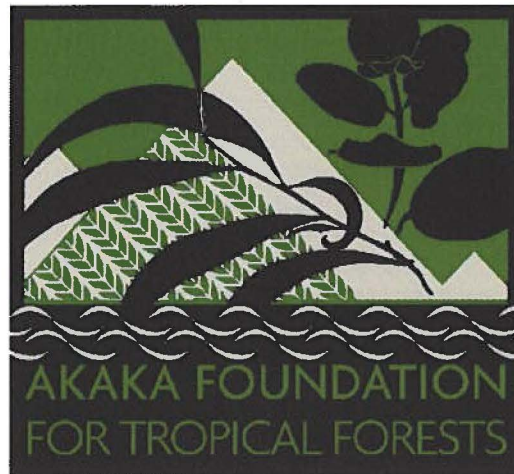
Organize and connect the public with volunteer opportunities in established forests and conservation areas for outplanting activities



K-12 Education

Develop and distribute classroom curriculum and outdoor educational experiences for all public and private school keiki

Akaka Foundation for Tropical Forests



2019 Grant in Aid Application
January 18, 2019

Stewardship Mapping and Assessment Project. The subject of this proposal is the **Million ‘Ōhi‘a Initiative** (hereafter, the Initiative), which promotes the protection, planting and restoration of ‘Ōhi‘a Lehua, the monarch of Hawaii’s biocultural landscapes. The Initiative is a collaboration between Akaka Foundation for Tropical Forests, the USDA Forest Service, and Kupu (Hawaii’s host for AmeriCorps) providing an innovative model for partnership-driven, place-based biocultural stewardship, outreach and forest restoration.

As the backbone of Hawaii’s native forests and watersheds and a foundational element in Hawaiian beliefs and traditional practices, ‘Ōhi‘a Lehua is bioculturally the most important tree species in Hawai‘i. Unfortunately, ‘Ōhi‘a Lehua is being lost from many areas of Hawai‘i landscape due to deforestation and development, invasive species, and more recently diseases such as ‘ōhi‘a rust and Rapid ‘Ōhi‘a Death (ROD), a fungal disease caused by *Ceratocystis lukuohia* and *Ceratocystis huliohia*. With our partners, we are increasing public awareness about the ecological and cultural importance of ‘ōhi‘a while also seeking to manage threats to ‘ōhi‘a such as ROD. With the challenge of preventing the further spread of ROD beyond Hawai‘i Island and limited sites on Kaua‘i Island, and the critical need for ROD-related outreach, the Initiative has sponsored, supported, and led biocultural outreach and public events while also reaching out to PreK-12th grade students through classroom visits across Hawai‘i Island.

The Initiative was born from the simple need to bring ‘ōhi‘a back into our yards, schools, parks, and everyday lives. Through the Initiative, 1000’s of trees have been planted by youth on Hawai‘i Island, and we have developed and teach school curricula and propagation methods to support the public’s desire for information and tools for propagating ‘ōhi‘a across Hawai‘i Island. We have reached over 1,835 Hawai‘i Island students through classroom visits, raised and distributed over 1,200 ‘ōhi‘a seedlings to schools and community groups, and reached hundreds of thousands of citizens through presentations, public events, social media, and a Hawaiian Airlines in-flight educational video. Additionally, we have established and maintain an ‘ōhi‘a forest of 800 trees in the Kupua‘e ‘Ōhi‘a Common Garden, an effort to restore pasture lands to forest at the Hawai‘i Experimental Tropical Forest (HETF) in Laupāhoehoe.

The **Million ‘Ōhi‘a Initiative** is envisioned to be a multi-year initiative to plant one million ‘ōhi‘a trees statewide. The Initiative is now expanding our collective capacity for a million ‘ōhi‘a effort in Hawai‘i and ensuring the continued presence of this critical keystone species in Hawaii’s forests, parks, and communities. Our holistic program is designed to build and foster personal relationships to Hawaii’s native landscapes through tree planting, education and outreach, and citizen science, and will support the growth of local plant nurseries across the state. Our program is dedicated to supporting local commerce through the purchase of ‘ōhi‘a seedlings from existing and emerging providers of native Hawaiian plants.

Goals and Objectives

The goal of the Initiative is to honor the biocultural importance of ‘ōhi‘a in Hawai‘i by connecting people to, and creating landscapes abundant in ‘ōhi‘a. Our hope is that all people of Hawai‘i will gain and maintain a personal connection with ‘ōhi‘a, whether through planting an ‘ōhi‘a in a backyard, a school or in a community park. We seek to support the out-planting of ‘ōhi‘a with the understanding that strong biosecurity measures need to be taken to prevent the unwitting transportation of pests or pathogens. We hope that by cultivating relationships with ‘ōhi‘a, we will inspire and empower Hawai‘i residents to make ‘ōhi‘a a dominant landscape feature in our residential, public, and commercially developed urban spaces. By integrating technology and citizen science into this Initiative, we also seek to teach skills, and impart

Public Purpose, Target Populations, and Geographic Coverage

‘Ōhi‘a Lehua is critical to the diversity, structure, and function of Hawaii’s native forests, and provides many ecosystem services that we depend on. A foundational element to perpetuating this species in Hawai‘i is the perpetuation of relationships between this species and the people of Hawai‘i. However, Hawai‘i lacks programs for fostering knowledge of ‘ōhi‘a among youth and for maintaining community connections to this biocultural keystone species. And so there is a need to support and expand programs that emphasize both the ecological and cultural importance of ‘ōhi‘a. A substantial increase of one of the most ecologically important tree species in Hawai‘i will benefit Hawaii’s native flora and fauna, but also human residents who depend on ecosystem services provided by healthy ecosystems. However, many youth and newcomers to Hawai‘i are unaware of all the ways that ‘Ōhi‘a contributes to Hawaii’s well-being. To be effective, efforts to perpetuate ‘Ōhi‘a need to engage hearts and minds of Hawaii’s citizens. There is a timely need to increase the abundance of ‘ōhi‘a in the places where we live and work in addition to restoring forests once abundant with this keystone species. This funding request is specifically focused on promoting long-term program objectives 3 (community forestry) and 4 (native forest restoration) through development and pilot implementation of a strategic plan for the Initiative.

Hawai‘i is in an excellent position to apply the lessons learned from a diversity of successful million tree initiatives across the United States, including the Million Trees NYC, but also Million Trees Miami, Los Angeles Million Tree Initiative, The Mile High Million Colorado, and Living Lands and Waters Million Tree Initiative in Illinois, all of which inspire us to pursue a visionary program for ‘Ōhi‘a in Hawai‘i. Engaging families across Hawai‘i with the vision of large numbers of ‘ōhi‘a in urban, residential, and forested environments is a critical building block for broader efforts to protect ‘ōhi‘a across Hawai‘i. Our strategic plan will be designed specifically to embrace the unique socio-cultural and ecological context of Hawai‘i, and will include detailed funding, education and outreach strategies. Our goal is to plant trees in commercial and residential areas, in urban and suburban parks, as well as in rural natural areas. As the Initiative is a statewide program, this project will plant ‘Ōhi‘a trees on Islands of Hawai‘i, Maui, Moloka‘i, O‘ahu, and Kaua‘i. Exact locations of plantings to be determined by partners and partner organizations on each island, who will be identified during the grant period. Our work will support private sector growers to catalyze an expansion of support for landscaping with native species.

To these ends, we anticipate that many if not most residents of Hawai‘i will benefit from the implementation of the the Initiative. Preliminary calculations utilizing i-Tree software suggest that one million ‘ōhi‘a trees will sequester over 7 Billion pounds of CO₂ (carbon dioxide), avoid over 50 Million gallons of water runoff, and remove over 6 Million pounds of SO₂ (sulfur dioxide) over the next 30 years. Initiatives across the country report various real dollar benefits of planting trees, for example the National Urban and Community Forestry Advisory Council (NUCFAC) reports that the Los Angeles Million Tree Initiative provides an estimated \$1.3 to \$1.95 gross billion dollars in ecosystem benefits over 35 years.

Evaluation Criteria

This proposal includes both Implementation Monitoring and Effectiveness Monitoring, and we will develop evaluation criteria for both aspects of the project. Evaluation criteria for Implementation Monitoring will focus on metrics and measures that will allow us to evaluate the short-term success of strategic plan implementation. Because effective implementation of the plan is a prerequisite for but not equal to a successful program, we also will develop metrics and measures to evaluate the long-term success of the Initiative. Criteria for implementation monitoring could include metrics and measures for determining: (i) numbers of partners involved and their distribution across Hawai‘i; (ii) number of ‘ōhi‘a lehua planted and by whom; (iii) number of youth and members of the public reached by this effort, and number of social media posts; and (iv) delivery of a functioning website with identified features. For effectiveness monitoring, we will look at other criteria and associated metrics and measures, for example: (v) survivorship of planted ‘ōhi‘a lehua at the end of the Initiative; (vi) long-term (multi-year) impact of tree planting on community perspectives on the importance of ‘ōhi‘a lehua and other native species; and (vii) number of media pieces on the Initiative and responses to Initiative social media posts. This evaluation criteria will include records kept by Ulu Lehulehu staff and partners, ideally entered into the website counter, and will include qualitative surveys administered to participants and community members living near pilot areas. We will seek to utilize state-of-the-art urban forestry innovations, for example the USDA Forest Service’s i-Tree, a tree mapping software used to quantify the environmental benefits of planting trees in the urban environment. The data and results collected will help in future decision making processes of ‘ōhi‘a forest management throughout the state. This data also will be used to make necessary adaptations to the strategic plan and improve large-scale implementation that will follow the pilot implementation. These measures of implementation effectiveness and initiative effectiveness will be reported to the expending agency.

Broader Impacts

As evidenced by the significant positive effects Million Trees NYC experienced over the duration of their 10-year project, we can reasonably expect that this project would contribute in the following ways. This Initiative will: 1) create green jobs in the native species nursery sector; 2) support place-based native species education of K-16 students as well as community members; 3) expand professional expertise in urban tree planting; 4) expand a vibrant partnership among Hawai‘i Division of Forestry and Wildlife, KUPU, the USDA Forest Service and the Akaka Foundation for Tropical Forests; 4) help Hawai‘i meet portions of the green infrastructure and state forestry goals our state, city, and county governments have set forth; and 5) catalyze a shift in the public where citizen science is widely practiced and native species are prioritized in a growing bioculturally focused economy. These outcomes align closely with the Initiatives vision and mission to perpetuate eco-literacy, biological and cultural awareness, and stewardship. The initiative manifests these changes through ‘ōhi‘a based environmental education and outreach programs, which inspire youth and our communities to reconnect with nature and mālama ‘āina. This innovative and collaborative Initiative will help re-connect and re-awaken the ecological and cultural/social benefits between humankind and our natural environment.

traditional cultural practices while greatly reducing threats to the health of our 'ōhi'a forests. This event illustrated powerfully the value of co-developing and co-managing natural resources with cultural practitioners and members of the community. With tremendous respect for the people involved in this undertaking, Akaka Foundation holds this type of collaborative culturally based outreach as the standard for our endeavors.

Ulu Lehulehu Biocultural Education Program - 2017 to Present

Started in 2017 to address the loss of connection between youth and the natural world that sustains Hawai'i. There is an enormous need to more effectively engage youth in the ecology and culture of Hawai'i. In response, we launched a biocultural education program with Laupāhoehoe Community Public Charter School (LCPCS). This year-long program focuses on all 9th grade students of the LCPCS, and sequences in-class presentations and discussion, field trips to the Kupua'e 'Ōhi'a Common Garden, an overnight bioculturally grounded huaka'i (service learning trip) on windward Hawai'i Island within the 10,000 acre Laupāhoehoe unit of the HETF as a focal geography, and a second overnight huaka'i within the 40,000 acre Pu'u Wa'awa'a ridge to reef unit of the HETF as a focal geography.

Ulu Lehulehu 'Ōhi'a Love Seedbanking Project - 2017 to Present

One way that we can ensure the continued legacy of 'ōhi'a forests in Hawai'i in the face of ROD and other threats, is to collect and store millions of seeds. Seeds collected from wild populations by multiple partner agencies can be used for reforestation efforts and research for genetic resistance to diseases such as ROD. The Initiative, in partnership with University of Hawai'i Mānoa Lyon Arboretum, and USDA Forest Service's Institute of Pacific Islands Forestry (IPIF), has created a seed bank with support staff from Ulu Lehulehu for East Hawai'i Island. Housed at IPIF in Hilo, this seed bank will supplement the efforts of 'Ōhi'a Love Seed Banking Project, and ensure that the 'ōhi'a will remain in our environment for decades to come.

Ulu Lehulehu and ROD Genetic Resistance Research - 2018 to Present

Ulu Lehulehu is integral to a state-wide effort to identify ROD resistant genotypes of 'ōhi'a, with the goal of finding disease resistant material that can be used for outplanting efforts across Hawai'i. While this effort is only in its first year, initial results have been promising with a wide range of susceptibilities identified in our initial sampling of 'ōhi'a across Puna. The goal of this effort is to sample and test wild genotypes of *Metrosideros* species and varieties of *M. polymorpha* for ROD resistance using established disease resistance testing methods. For genotypes that show promise, we will create common gardens of these genotypes recognizing place-based principles that would maintain the genetic integrity of a particular geography. For example, a common garden in Hilo would contain only plant material from the district of Hilo, and no district of Hilo material would be used in common gardens outside of the district of Hilo.

2. Facilities

The Akaka Foundation for Tropical Forests and our programs operate out of the USDA Forest Service Institute for Pacific Islands Forestry (IPIF) in Hilo, Hawai'i. We have been provided without charge office and cubicle space, access to phones and internet as well as administrative resources, vehicle use, and access to greenhouse space. In addition to these in-kind donations the

Ardena Saarinen grew up in the 'ōhi'a forests of Hawai'i Island. She served as our 2015-2017 Kupu Americorps Member and Ulu Lehulehu Coordinator, and is the recipient of the prestigious 2017-2019 Hau'oli Mau Loa Graduate Assistantship at the University of Hawai'i Mānoa. She is focusing her coursework on biocultural approaches to natural resource management and as part of her graduate capstone project, Ms. Saarinen is conducting a literature review of Million Tree initiatives across the United States and is developing a logic model for the Foundation's Ulu Lehulehu - Million 'Ōhi'a Initiative. She will be graduating from UH Mānoa in May of 2019 with a Master of Science in Environmental Management and would fill the position of Ulu Lehulehu's Program Coordinator. Ms. Saarinen (along with Giardina and Francisco) is also a student of Hālau 'Ōhi'a, an innovative Hawai'i Stewardship Training Program created by renowned Kumu Hula, educator, and cultural practitioner Kekuhi Kealiikanakaoleohailani. This program has given her the tools and the confidence to participate in, lead, and teach others the cultural protocol needed for work in Hawai'i landscapes and communities and other special events. This training was the catalyst for our success during 2016 and 2017 Merrie Monarch ROD outreach. Ms. Saarinen is also a graduate of the first cohort of Kuleana Academy, a leadership development and non-partisan candidate training program hosted by the Hawai'i Alliance for Progressive Action (HAPA) in partnership with other leading public interest organizations in Hawai'i

Our Director of Programs, Rebekah Ohara is a licensed teacher with a Master of Arts in Social Science focused on Environment and Community, with specific interest in community-based conservation in tropical regions. She is a Purdue University Ph.D. student in Forestry and Natural Resources, currently researching the pathways and opportunities for the development of community-managed forests in Hawai'i. Rebekah brings a wealth of experience to our biocultural education programs as a place-based educator, and manages our Ulu Lehulehu, Teaching Change, Stewardship Mapping, and Pu'u Wa'awa'a Community Managed Forest programs. Over the past three years, Mrs. Ohara has helped to grow the Foundation's programs, expand partnerships, and increase our annual revenue.

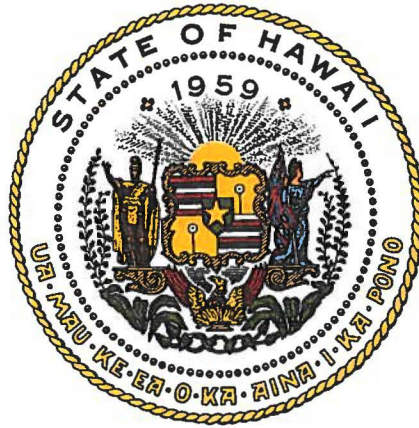
We are eager to continue to grow our family of stewards and support Hawai'i's next generation of environmental and cultural leaders.

2. Organization Chart

Board of Directors President: Paul Nakayama, Ph.D.

Executive Board of Directors: Michael J. Chun, Ph.D., Vice President; Daniel K. Akaka, Jr.; Vice President; Hannah Kihalani Springer, Vice President; Lynn Higashi, Esq., Corporate Secretary, Treasurer, and Director (Advises the Board of Directors President)

Board of Directors: Gerard Akaka, M.D.; Daniel Kamitaki, Esq.; Oswald K. Stender; James B. Snow; Douglas F. Jacobs, Ph.D.; Ernie Clayton; Kealoha Kinney, Ph.D. (Advises Executive Board of Directors)



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

AKAKA FOUNDATION FOR TROPICAL FORESTS

was incorporated under the laws of Hawaii on 10/21/2013 ; 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 15, 2019

Director of Commerce and Consumer Affairs