

House District \_\_\_\_\_

Senate District \_\_\_\_\_

THE TWENTY-EIGHTH LEGISLATURE  
APPLICATION FOR GRANTS  
CHAPTER 42F, HAWAII REVISED STATUTES

Log No:

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST - OPERATING

GRANT REQUEST - CAPITAL

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Recipient" means any organization or person receiving a grant.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN):

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN):

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:

Beach Environmental Awareness Campaign Hawai'i

Dbas:

Street Address: 822 Koko Isle Circle, Honolulu, Hawai'i. 96825

Mailing Address: P.O. Box 25284, Honolulu, Hawai'i. 96825

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name Suzanne Frazer

Title President

Phone # (808) 393 2168

Fax #

E-mail [REDACTED]

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
- FOR PROFIT CORPORATION INCORPORATED IN HAWAII
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL
- OTHER

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

Beach Environmental Awareness Campaign Hawai'i is requesting funds to educate the public throughout the State of Hawai'i about marine debris impacts and solutions through outreach, film showings and training educators across the state. This request also includes funds to complete research into marine debris which will provide data for the public, educators and government along with recommendations for solutions which will reduce and prevent marine debris pollution, resulting in protections for Hawai'i's marine life, their habitat as well as cleaner beaches for residents and visitors.

4. FEDERAL TAX ID # [REDACTED]

5. STATE TAX ID # [REDACTED]

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2017: \$ 50,000

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 0  
 FEDERAL \$ 0  
 COUNTY \$ 0  
 PRIVATE/OTHER \$ 0

SUZANNE FRAZER, PRESIDENT  
NAME & TITLE

2/8<sup>th</sup> January, 2016.  
DATE SIGNED



## Application for Grants

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

### I. 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;

Beach Environmental Awareness Campaign Hawai'i (B.E.A.C.H.) was founded in August 2006 by Dean Otsuki and Suzanne Frazer. B.E.A.C.H. is an all volunteer, non-profit and tax exempt organization that brings awareness and solutions to marine debris through environmental education; plastic reduction and litter prevention campaigns; and marine debris removal and research; in order to inspire actions by individuals and the community that save and protect Hawai'i's marine life, sea birds and ocean/coastal environment.

#### *Marine Debris Removal and Research*

B.E.A.C.H. volunteers have removed millions of pieces of plastic and other marine debris weighing more than 80 000 pounds from beaches on O'ahu, Hawai'i, Lana'i and Kaua'i. B.E.A.C.H. marine debris removal efforts concentrated on those areas most impacted by marine debris from the Great Pacific Garbage Patch. Volunteers from many different organizations have participated in B.E.A.C.H. clean-ups including the U.S. Coast Guard, Girl Scout and Boy Scout troops, various university clubs, schools, businesses and other local non-profit organizations. B.E.A.C.H. has been successful in inspiring the community to get involved and help keep beaches clean following large community beach clean-ups. B.E.A.C.H. volunteers have sorted, identified, weighed and counted many types of marine debris found on shorelines on O'ahu, Hawai'i and Lana'i. B.E.A.C.H. is currently researching and sorting micro-plastic marine debris with volunteers from several different universities and high schools.

#### *Environmental Education*

B.E.A.C.H. gives free educational presentations on marine debris impacts and solutions to all ages of school students, university students and teachers as well as in the community to raise awareness of the impacts of marine debris and the solutions to the problem. B.E.A.C.H. has educational booths and information tables at community outreach events to educate the public about marine debris and has organized special events such as Marine Debris Awareness Month, Plastic and Hawai'i's Marine Life

lecture/film series and the POP's, Plastic and Hawai'i's Marine Life lecture series - month long series of free public events that included guest lectures.

B.E.A.C.H. initiated, developed and implemented the "Marine Debris Awareness Student Art Project" and the "Marine Debris Solutions Student Art Project" to help increase awareness in schools and the community of the impacts of marine debris on marine life and environment as well as inspire actions and solutions to prevent and reduce plastic in the environment. The projects involved students in learning about the impacts of marine debris on marine life and solutions through educational presentations, hands-on learning with marine debris and discussions. Students then created paintings to share their learning with the community. The projects were conducted in 30 schools on O'ahu and resulted in more than 28 public displays of artwork by more than 1500 students in grades K-12. The artwork was displayed at the Hawai'i State Capitol, Hawai'i State Library and libraries throughout O'ahu. Following the month long exhibitions of artwork, three books were created to provide on-going learning and the books are available to borrow from the Hawai'i State Library and other public libraries.

*Plastic Reduction and Litter Prevention Campaigns*

B.E.A.C.H. provides ways for the public to take action to help reduce and prevent plastic marine debris in order to save marine life. B.E.A.C.H. plastic reduction and litter prevention campaigns target marine debris that is causing harm to marine life.

In 2015, B.E.A.C.H. supported HB525 which bans smoking at all Hawai'i State Parks (bill passed in 2015), preventing the number one most littered plastic item – cigarette butts. B.E.A.C.H. also testified in support of bills banning smoking at all Maui County beaches and parks (bill passed in 2014) and Honolulu County beaches and parks (bill passed in 2013). B.E.A.C.H. led an educational approach to the implementation of the smoking ban at all Honolulu County Parks creating and distributing educational materials and doing outreach to the public. B.E.A.C.H. launched a campaign on Earth Day 2007 to reduce and prevent cigarette butt litter and supported the successful 2008 ban of smoking at all beaches and parks on the island of Hawai'i. B.E.A.C.H. has undertaken beach clean-ups focused on removal and counting of cigarette butts on Maui, Kaua'i and O'ahu.

In 2007, B.E.A.C.H. launched a reusable bag campaign to reduce plastic shopping bags that harm sea turtles and supported the successful 2008 ban of plastic bags in Maui County and the 2012 ban of plastic bags on Hawai'i island. B.E.A.C.H. initiated a new bill to ban mislabelled "biodegradable" plastic bags which passed in 2014 and became law in 2015 in Honolulu County. Since 2013, B.E.A.C.H. has been encouraging people to use cotton produce bags for fruit and vegetables in order to reduce plastic bags and help save sea turtles.

In 2011, in order to save sea birds, B.E.A.C.H. launched a campaign to reduce plastic utensils and encourage use of reusable utensils by providing reusable bamboo utensil sets. In 2009, B.E.A.C.H. launched a campaign to recycle plastic caps and lids to help save sea birds.

B.E.A.C.H. began a litter prevention campaign in 2013 involving installing wire recycle bins in state and county beach parks on O'ahu. The wire recycle bins were made by high school students and B.E.A.C.H. volunteers.

In 2015, B.E.A.C.H. began a campaign to encourage the use of glass straws in order to reduce plastic straws, and has been educating the public about plastic microbeads in personal care products. In addition to all of these campaigns since 2007, B.E.A.C.H. has supported bills to ban polystyrene foam take-out containers and educates the public about many different plastic reduction solutions.

#### *Awards*

B.E.A.C.H. received the 2012 Marine and Coastal Zone Advocacy (MACZAC) Douglas Tom "Thumbs-Up" Award which recognizes organizations that preserve and protect Hawai'i's marine and coastal environment and actively engages the community, especially youth. B.E.A.C.H. also received the 2013 Awesome Foundation O'ahu Grant given for action-orientated projects that make an immediate and positive impact on O'ahu and received recognition certificates from the Hawai'i State Senate (2009), the Mayor of Honolulu (2008) and the City and County of Honolulu (2008 and 2011).

B.E.A.C.H. co-founders Suzanne and Dean received the 2012 Astrid and Donald Monson Community Action Award given for their outstanding community service and contributions to protecting Hawai'i's environment and marine life. Suzanne and Dean also received the 2008 Living Reef Award from the Coral Reef Outreach Network for going above and beyond in their actions to protect the reef.

2. The goals and objectives related to the request;
  - To increase access to marine debris education for everyone in Hawai'i.
  - To train educators on all islands - Hawai'i, Kaua'i, Lana'i, Maui, Moloka'i and O'ahu in order for more students and the general public to access information about marine debris impacts and solutions.
  - To complete research into marine debris – collecting data needed to communicate the problem – which will be provided to the public, educators and government.
  - To identify solutions which are necessary for preventing and reducing marine debris in the environment.
  - To inspire the public to take action to reduce and prevent marine debris in order to protect Hawai'i's marine life, sea birds and ocean/coastal environment.

3. The public purpose and need to be served;

Marine debris from the "Great Pacific Garbage Patch" washes up daily on Hawai'i's shorelines. The "Great Pacific Garbage Patch" located in the North Pacific Subtropical Gyre, is an accumulation zone in the Pacific Ocean of marine debris covering an area twice the size of the United States of America. Currents and on-shore wind and waves bring marine debris to the Hawaiian Island chain where it is mostly found washed up on the windward (eastern) sides of the islands. Marine debris is found on the main Hawaiian islands - Hawai'i, Kaho'olawe, Kaua'i, Lana'i, Maui, Moloka'i, Ni'ihau and O'ahu, as well as throughout the Northwestern Hawaiian Islands.

Most marine debris found in Hawai'i is made of plastic. Plastic does not biodegrade, plastic lasts forever. Although it does photodegrade over time, this is a process that creates smaller and smaller particles of plastic creating microscopic particles that never go away.

Marine debris causes much more than an eyesore, it impacts marine life through ingestion, entanglement and habitat destruction.

*Ingestion*

Researchers in the Northwestern Hawaiian Islands have found that 100% of albatrosses are feeding their chicks plastic (Nevins et al 2005). Adult albatrosses forage for food on the open ocean looking for squid and flying fish eggs. Instead however, they mistake brightly coloured plastic items floating on the surface of the ocean for food. Thousands of albatross chicks die each year in the Northwestern Hawaiian Islands with stomachs full of plastic such as caps, lighters, children's toys, toothbrushes, fishing floats and other brightly coloured plastic items. Ingesting plastic causes blockages, starvation, dehydration, and lacerations.

Sea turtles mistake plastic bags for food. They cannot regurgitate the plastic and so it causes internal blockages or makes the turtles positively buoyant so they cannot dive below the surface of the water. Sea turtles need to be able to dive to get food and if they can't dive they will starve to death.

Many plastic bottles that wash ashore on Hawai'i's beaches show evidence of teeth or beak marks where marine life and seabirds have attempted to eat them. Most plastic fragments on Hawai'i's windward shorelines are white and blue as marine life and sea birds are eating the colours that most resemble food.

Algalita Marine Research Foundation found that 35% of 600 Lantern fish sampled from the Great Pacific Garbage Patch had ingested pieces of plastic. Lantern fish are the most common fish in the open ocean and are consumed by larger fish such as tuna which are then eaten by humans and other animals at the top of the food chain. Zooplankton has been shown to ingest micro-plastic particles indicating that the whole food chain is affected by ingestion of plastic.

Plastic in the marine environment absorbs persistent organic pollutants (POPs) like DDT, PCB's and dioxins which have been found to be concentrated up to one million times more on the surface of the plastic than in the surrounding sea water (Mato et al 2001). These chemicals along with the chemicals that the plastic was made with, bioaccumulate up through the food chain and are endocrine disruptors which cause havoc to the endocrine systems of fish, reptiles, birds and mammals (CHEM Trust report, 2008).

#### *Entanglement*

Marine debris such as nets, rope, strapping bands, eel cones and other objects are an entanglement hazard to marine life in the water and on beaches. Entanglement in marine debris can cause death to whales, dolphins, monk seals, sea turtles and sea birds if they are entangled underwater and unable to surface to breathe. Monk seals and sea turtles can become entangled when they come ashore. Marine debris also harms animals from cuts and wounds from marine debris. Monofilament line can sever off flippers and wings.

#### *Habitat destruction*

Marine debris is often fouled with barnacles or algae from being in the ocean for many years. As fouled marine debris sinks it smothers coral reefs and blocks out sunlight. Marine debris also damages the reef when nets snag and pull on the reef causing breakage. Sometimes coral starts to grow on nets, crates, buoys and other items. When the item washes ashore, the coral dies.

Shoreline habitat for marine life is lost when marine debris accumulates on beaches. Sea turtles need to come ashore to rest and to nest. When beaches are covered in marine debris, this makes building a nest impossible. Endangered Hawaiian monk seals come ashore to rest, give birth and nurse their young.

The goal of this request is to educate the public throughout the State of Hawai'i about the problem of marine debris and the harm that it is causing to Hawai'i's marine life, our health and the environment and to inspire people take action to prevent and reduce marine debris.

There is also a need to train educators statewide so that learning about marine debris can continue on all islands after our visit, through state and public schools K-12, charter schools, libraries, non-profit organizations and universities. Educators will be able to teach their communities and students about the issues of marine debris and the solutions to this problem. In this way, many more people will be involved in a community effort to prevent marine debris. B.E.A.C.H. volunteers aren't able to be on all islands, at all schools and outreach events at all times teaching the public and students, so training educators statewide is the best way for students and the general public throughout Hawai'i to access learning about marine debris on an on-going basis.

B.E.A.C.H. has accumulated data from many marine debris removal events about the types of marine debris collected, the number of these items and the amount. B.E.A.C.H. still has more marine debris to finish sorting. Therefore, B.E.A.C.H. needs to continue

the effort to complete this research in an enclosed space. Being inside is especially important because some of the debris consists of micro-plastics (5mm or smaller) which can blow off the table if outside in the wind. Volunteers from high schools, universities and the general public will be helping sort marine debris. Sorting marine debris is a very educational and eye-opening experience for first time volunteers that has been resulting in them being inspired to take actions to prevent marine debris. This learning would not be possible without a space to do this hands-on work. In order for the public to understand the extent of the problem of marine debris, it is necessary to sort and count the debris that occurs the most on Hawai'i's beaches (that accumulate marine debris - mostly on the windward side) which are micro-plastics. The work that B.E.A.C.H. is doing in researching micro-plastics is the first time that a study of this type has been done in Hawai'i. The collected data along with recommendations will be put into a report which will be available to educators, the general public and government.

Marine debris is everyone's problem and once people are educated about how it affects them as well as marine life, they will be empowered to implement solutions and take action. Their actions will also inspire others. Training educators about marine debris impacts and solutions and giving them the resources they need to teach students and the general public will positively impact the whole State of Hawai'i for generations. This will result in protections for Hawai'i's marine life, their habitat as well as cleaner beaches for residents and visitors.

4. Describe the target population to be served; and

The target population to be served is the general public throughout the State of Hawai'i including educators and students preschool, K-12 and university.

5. Describe the geographic coverage.

The islands of Hawai'i, Kaua'i, Lana'i, Maui, Moloka'i and O'ahu.

## II. 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;

Suzanne Frazer and Dean Otsuki will lead volunteers from the public including university and high school students in sorting and researching plastic marine debris. Suzanne will count each type of debris. Volunteers will enter the data electronically so it can be tabulated, analyzed and summarized into a report.

Before sorting for the first time, Suzanne will train volunteers in sorting and give them an educational presentation about marine debris impacts and solutions. Following the volunteer work sorting marine debris, Suzanne will lead discussions with the students and they will write reflections and comments.

Suzanne Frazer will organize, design, plan, and implement teacher training workshops on Hawai'i, Kaua'i, Lana'i, Maui, Moloka'i and O'ahu. The professional development workshops will include learning through a powerpoint presentation, a documentary by B.E.A.C.H. on marine debris, educational handouts, hands-on learning with marine debris and discussions.

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

### **July - September 2016**

- Marine debris research – sorting, counting, data recording marine debris
- Designing educator training in marine debris, planning seminars

### **October - December 2016**

- Marine debris research – sorting, counting, data recording marine debris
- Planning schedule and booking itinerary for inter-island professional development workshops, school visits and community education programs
- Announcing marine debris educator training statewide
- Registering educators for training

### **January - March 2017**

- Marine debris research – sorting, counting, data recording marine debris
- Professional development workshops for educators on Hawai'i, Kaua'i, Lana'i, Maui, Moloka'i and O'ahu
- Educational presentations, film showings, outreach in the community state-wide

### **April - June 2017**

- Marine debris research – sorting, counting, data recording marine debris
- Compiling marine debris data into a report
- Identifying solutions based on the data and including these in the report
- Professional development workshops for educators on Hawai'i, Kaua'i, Lana'i, Maui, Moloka'i and O'ahu
- Educational presentations, film showings, outreach in the community state-wide
- Evaluation and follow-up with educators



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

Evaluation will take place after each educator training seminar. Educators will complete a written evaluation. B.E.A.C.H. will also follow up with the educators to find out how they have used the information and educational resources with their students/the community.

An educational documentary film (B.E.A.C.H. is making this year) will be shown in communities throughout the State of Hawai'i and a feedback form will be given out to viewers to complete.

Marine debris data will be compiled into reports both printed and available online. All debris will be sorted by trained volunteers and the sorting will be checked and debris counted by one person for consistency (the same person will count all debris).

At each marine debris sorting activity, B.E.A.C.H. will track how many volunteers help and how many hours they volunteered.

Reflection/comment forms are filled out by marine debris sorting volunteers after every session and there is time set aside for discussion and feedback. This is also a chance to check the learning that is taking place and to review information.

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.

Anticipated outcomes of the project are to provide professional development training to at least 1000 educators statewide including preschool and K-12 teachers (from public, private and charter schools), substitute teachers, parents of home schooled students, college and university faculty, as well as educators/leaders in the community including with non-profit organizations, libraries and other organizations.

The outcomes anticipated by providing training and educational resources (being created by B.E.A.C.H. this year) will be that statewide, at least 30 000 more students per year and an increased number of people in the general public will learn about marine debris.

The measures of effectiveness that will be reported to the State agency are:

- marine debris report with data on types and amounts of marine debris as well as recommended solutions for preventing marine debris

- reflection/comment forms from volunteers doing marine debris sorting and research
- number of volunteers trained in marine debris sorting and number of hours worked
- number of educators trained statewide in marine debris impacts and solutions
- evaluation forms from the educator training seminars
- results of surveys of educators and follow up surveys regarding number of students/general public learning about marine debris as a result of this project
- the number of people reached in the general public throughout Hawai'i from outreach activities in communities by B.E.A.C.H. through this project
- feedback forms completed by the public that attended film showings and educational presentations

### III. Financial

#### Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.
2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2017.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$10 185	\$8 293	\$15 761	\$15 761	\$50 000

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2017.
  - Donations
  - Membership dues
  - Grants
  - In-kind donations

This application is for a special one-off project which is in addition to other B.E.A.C.H. work that we do and operating costs associated with that work. The donations, membership, grants and in-kind donations are used for the on-going projects that B.E.A.C.H. does and the operating costs associated with those on-going projects. We will also be fundraising and seeking sponsors to give in-kind donations (such as free or reduced rate accommodation inter-island) to cover costs of this special one-off project that are not being requested from the State.

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.

Not applicable

5. The applicant shall provide a listing of all federal, state, and county government contracts and grants it has been and will be receiving for program funding.

B.E.A.C.H. received a \$153,105 grant from the State – project number: EX D15-029, contract number: CO-10575, effective dates 1<sup>st</sup> July, 2015 to 30<sup>th</sup> June, 2016. This grant covers the costs in creating an educational documentary film on marine debris impacts and solutions; educational resources for the general public and educators; equipment; space rental and insurance (from July 2015 to June 2016). This grant was reduced from \$180,000 to \$153,105 due to budget restraints in 2014. This meant that parts of our original project were unable to be undertaken. We are applying this time for funding assistance to finish off and complete the whole project so that resources created are used to the maximum effectiveness.

6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2015.

None.

#### **IV. Experience and Capability**

##### **A. 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.

B.E.A.C.H. is an all volunteer, non-profit organization. Two volunteers, Suzanne Frazer and Dean Otsuki have volunteered full-time since the beginning of B.E.A.C.H. in 2006.

They are the co-founders of the organization. Suzanne and Dean have successfully organized many B.E.A.C.H. educational events and volunteer activities.

Suzanne is a trained, qualified educator with a B.A. and Graduate Diploma in Education with over 25 years of experience in teaching. Suzanne has taught students in all grades (preschool, K- 12 as well as university students), teachers, and the community. Suzanne trains all B.E.A.C.H. volunteers and gives all the educational presentations.

Suzanne and Dean have over 9 years experience in collecting, sorting and data recording marine debris and will lead students from universities, high schools as well as members of the general public in sorting marine debris.

## **B. 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.

B.E.A.C.H. secured a facility in Kaneohe mid-2015 for researching marine debris and educating the public and has confirmed that the lease can be extended for another year. The facility is 1000 square feet, with a wood floor and plenty of natural light with enough room for both research and education usage. The space includes a sink and there is enough storage room for marine debris. The facility has all the necessary components needed for marine debris sorting work and it is accessible 7 days a week. There is plenty of parking available and it is located on the bus line for easy access by volunteers coming by public transport. By having this facility, B.E.A.C.H. is able to offer service learning in marine debris sorting to student volunteers from high schools and universities. This hands-on experience would not be possible without an indoor space as micro-plastic marine debris cannot be sorted and counted outside as it would blow away.

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

### **A. 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.

B.E.A.C.H. is an all volunteer, non-profit organization. Two volunteers, Dean Otsuki and Suzanne Frazer have volunteered full-time since the beginning of B.E.A.C.H. in 2006. They are the co-founders of the organization. Suzanne and Dean have successfully organized many B.E.A.C.H. educational events and volunteer activities.

Suzanne is a trained, qualified educator with a B.A. and Graduate Diploma in Education with over 25 years of experience in teaching. Suzanne has taught students in all grades (preschool, K-12 as well as university students), teachers, and the community. Suzanne trains all B.E.A.C.H. volunteers and gives all the educational presentations.

Suzanne and Dean have over 9 years experience in collecting, sorting and data recording marine debris and will lead students from universities, high schools as well as members of the general public in sorting marine debris.

**B. 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.

B.E.A.C.H. has a Board of Directors. The board are volunteers and members of B.E.A.C.H. The board consists of a President – Suzanne Frazer, Vice-President – Dean Otsuki, Secretary – Holly Limm, Treasurer – Lynn Garcia and Membership Secretary – Alexandra Glenn. The board serves as unpaid staffing for B.E.A.C.H. and oversees all projects and implementation of these projects, training other volunteers to help such as with outreach, marine debris sorting and beach clean-ups. Please see attached organizational chart.

**C. Compensation**

The applicant shall provide the annual salaries paid by the applicant to the three highest paid officers, directors, or employees of the organization by position..

None. Not applicable

**VI. Other**

**A. 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.

None. Not applicable

**B. 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.

Suzanne Frazer has a Bachelor of Arts and a Graduate Diploma in Education and received the highest suitability rating a teacher can be given in Queensland, Australia by the Queensland Department of Education which is an SI (outstanding). When Suzanne taught in schools in Australia (1989 - 1999) before coming to Hawai'i, she was registered as a teacher in Queensland.

**C. 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.

None. Not applicable

**D. Future Sustainability Plan**

The applicant shall provide a plan for sustaining after fiscal year 2016-17 the activity funded by the grant if the grant of this application is:

- (1) Received by the applicant for fiscal year 2016-17, but
- (2) Not received by the applicant thereafter.

This is a one-off project therefore once this project is completed it is done. It is anticipated that the marine debris research and training educators statewide will be completed by June 30<sup>th</sup>, 2017. Volunteers are working on sorting marine debris 5-7 days a week. We anticipate that continuing at this level, the work will be completed by June 30<sup>th</sup>, 2017.

**E. 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, 2015.

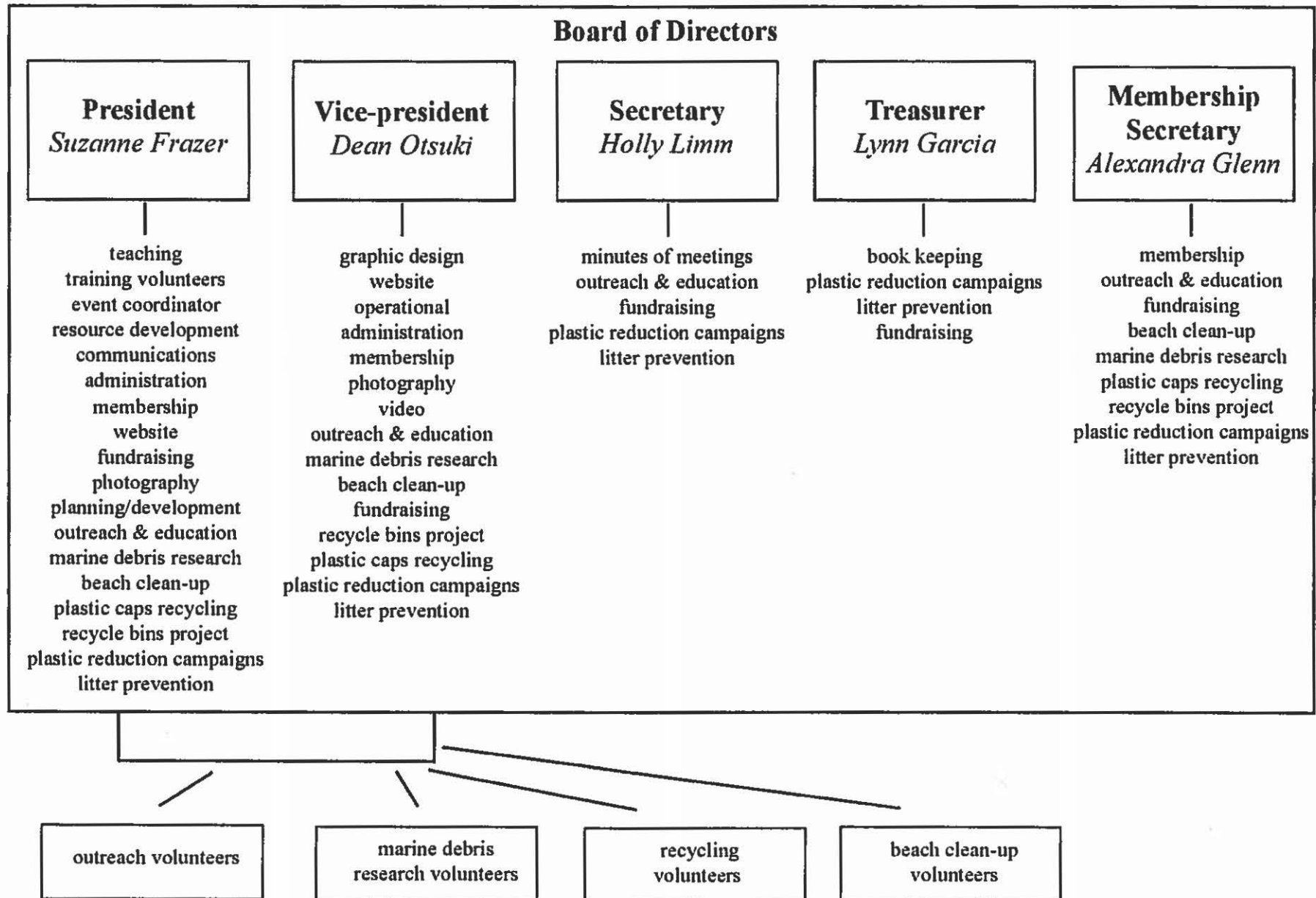
Please see attached certificate of Good Standing.

## Micro-plastic marine debris sorting

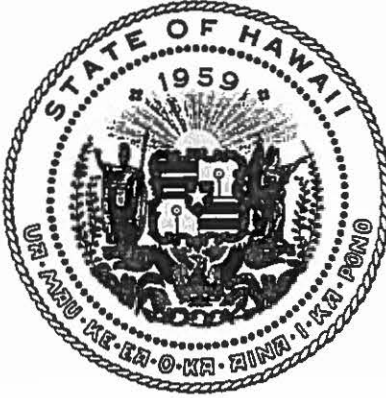


# Beach Environmental Awareness Campaign Hawai'i

## Organization chart - 2016







## 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

**BEACH ENVIRONMENTAL AWARENESS CAMPAIGN HAWAII**

was incorporated under the laws of Hawaii on 04/04/2008 ; 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, 2016



Director of Commerce and Consumer Affairs

## BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2016 to June 30, 2017

Applicant: B.E.A.C.H.

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
<b>A. PERSONNEL COST</b>				
1. Value of Volunteer Hours	0	0	0	99,400
2. Payroll Taxes & Assessments	0	0	0	0
3. Fringe Benefits	0	0	0	0
<b>TOTAL PERSONNEL COST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99,400</b>
<b>B. OTHER CURRENT EXPENSES</b>				
1. Airfare, baggage fees, Inter-Island	8,078	0	0	0
2. Insurance	1,634	0	0	0
3. Lease/Rental of Equipment	0	0	0	0
4. Lease/Rental of Space	33,173	0	0	0
5. Staff Training	0	0	0	0
6. Supplies	257	0	0	1,205
7. Telecommunication	0	0	0	248
8. Utilities	0	0	0	0
9. Car (rental, fuel, insurance) Inter-Island	4,838	0	0	0
10. Lodging Inter-Island	1,450	0	0	1,500
11. Airport parking, carts at airports	570	0	0	0
12. Printing & photocopying	0	0	0	2,185
13. Mileage (O'ahu)	0	0	0	9,634
14. Meals Inter-Island	0	0	0	1,500
15. Workshop giveaways & refreshments	0	0	0	3,100
16				
17				
18				
19				
20				
<b>TOTAL OTHER CURRENT EXPENSES</b>	<b>60,000</b>			<b>19,372</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>50,000</b>			<b>118,772</b>
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	50,000	Suzanne Frazer (808) 393 2168		
(b) Total Federal Funds Requested	0	Name (Please type or print) Phone		
(c) Total County Funds Requested	0	Signature of Authorized Official 20th January, 2016		
(d) Total Private/Other Funds Requested	118,772	Date		
<b>TOTAL BUDGET</b>	<b>168,772</b>	Suzanne Frazer, President Name and Title (Please type or print)		

**BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES**

Period: July 1, 2016 to June 30, 2017

Applicant: B.E.A.C.H.

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
not applicable				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>TOTAL:</b>				
<b>JUSTIFICATION/COMMENTS:</b>				
not applicable				

## BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2016 to June 30, 2017

Applicant: B.E.A.C.H.

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
not applicable			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>TOTAL:</b>				
<b>JUSTIFICATION/COMMENTS:</b>				
not applicable				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
not applicable			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>TOTAL:</b>				
<b>JUSTIFICATION/COMMENTS:</b>				
not applicable				

## BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2016 to June 30, 2017

Applicant: B.E.A.C.H.

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: 2014-2015	FY: 2015-2016	FY:2016-2017	FY:2016-2017	FY:2017-2018	FY:2018-2019
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
<b>TOTAL:</b>						
<b>JUSTIFICATION/COMMENTS:</b> <div style="text-align: center; padding: 5px;">not applicable</div>						

**GOVERNMENT CONTRACTS AND / OR GRANTS**

Applicant: B.E.A.C.H.

Contracts Total: 153,105

	<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	Marine Debris Research and Education	July 01, 2015 to June 30, 2016	Dept. of Ed.	State	153,105
2					
3					
4					
5					
6					
7					
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15					
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27					
28					

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

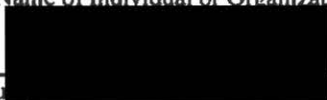
The undersigned authorized representative of the applicant certifies the following:

- 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.

Beach Environmental Awareness Campaign Hawai'i (B.E.A.C.H.)  
(Typed Name of Individual or Organization)



(Signature)

20<sup>th</sup> January, 2016.  
(Date)

Suzanne Frazer  
(Typed Name)

President  
(Title)

UNIVERSITY OF HAWAII

Windward Campus  
Department of Natural Sciences  
45-720 Kea'ahala Road  
Kaneohe, HI 96744

Manoa Campus  
Graduate Faculty  
Department of Geology and Geophysics  
Honolulu, HI 96822

January 18, 2016


To Whom It May Concern:

It is with delight that I compose my comments in support of the application by Beach Environmental Awareness Campaign Hawai'i (B.E.A.C.H.) for a Grant-In-Aid. Also with concern because the remarkable efforts demonstrated by this organization in education and fieldwork must see financial support from our community, and their application speaks to that need – my concern is that limited funding could see their efforts diminished. Comment also must be made that with a limited staff, combined with their community outreach programs, their work cannot be rapidly accomplished thus this letter also supports their request for continued funding.

My interaction with B.E.A.C.H. has been dominantly through education. They have made presentations, worked with students, and provided internships, for my students here at Windward Community College mainly via an Oceanography course where much effort is spent on studying man-made debris afloat in the oceans, dominantly plastics. It is quite remarkable to see student response to this – they are stunned and disbelieving once focused on the debris, even though it surrounds them daily especially here in Hawaii. This speaks well for the efforts by B.E.A.C.H. in education. We are pleased to assist their efforts.

Additional interaction has been with student participation in the numerous beach clean-up campaigns for removing debris of industrial origin from our coastlines. The added program under their sponsorship in training volunteers and students in microplastics is hugely appreciated. All is huge testimony for the concern and professionalism demonstrated by B.E.A.C.H.

Accordingly I write this letter of support to see that these substantial efforts continue through funding from a Grant-In-Aid. Much more could be said, of course, in acknowledgement of their work, and willingly done so if such is needed via contacting me at this address.

  
Dr. Floyd W. McCoy  
Prof. in Geology, Geophysics, & Oceanography (Windward Community College)  
Graduate Faculty in Geology & Geophysics (UH Manoa)





STATE OF HAWAII  
DEPARTMENT OF EDUCATION  
W. R. Farrington High School  
1564 North King Street  
Honolulu, Hawaii 96817

January 20, 2016

To Whom It May Concern,

It is with great pleasure that I write a letter of support for Beach Environmental Awareness Campaign Hawaii (B.E.A.C.H.) and their application for a Grant-In-Aid. As a STEM /Science Educator and involved with Polynesian Voyaging Society Worldwide Voyage as a Crew Member and Education Land Crew, I cannot think of a more deserving non-profit organization to fund.

Over the years I have had the pleasure of interacting with Dean & Suzanne at numerous education outreach venues, workshops and conferences. Their displays and handouts are hard to bypass. The information finds the right balance of attractive, colorful, and more importantly, their message is drives home the message of marine debris impact and the health of our oceans, our environment.

Because of the B.E.A.C.H. website, a former student became so passionate about marine debris, she proposed and implemented a campus wide bottle cap collection campaign project to collect bottles caps & data for one year. Over 300 pounds of caps were collected. This project was one of five that was presented at the Hawaii STEM Conference. Now 3 years later, and over 500 pounds of bottles caps, I am still receiving bags of bottle caps in my teachers' box!

More recently B.E.A.C.H. did a marine debris presentation to a combined 3 classes and impacted students with their vibrant presentation and stories. They've also spent half a day, on three occasions, with the LEO Club to prepare over 200 pounds of caps for recycling.

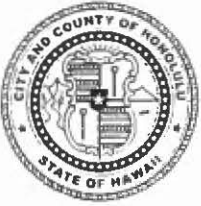
But what is evident is Suzanne and Dean's tireless commitment and passion to bring awareness of the impact of marine debris for the sake of healthy oceans and our environment. The endless dedicated hours and the effort to organize beach cleanups, sorting through mega & micro plastics and providing internships, need continued support through funding. Even more so they are following the mission and values of Hokule'a's Worldwide Voyage to Malama Honua.

Kindly consider supporting this organization that reaches out to thousands of students and public citizens, as an integral educational tool to Malama Honua, taking care of our island earth.

Me ka ha'aha'a

[REDACTED]  
Diane Tom-Ogata  
Polynesian Voyaging Society Education Crew  
Science & STEM Educator  
W.R. Farrington High School  
1564 North King Street  
Honolulu, Hawaii 96817

Cc: Alfredo Carganilla, Principal



**CITY COUNCIL**  
CITY AND COUNTY OF HONOLULU  
530 SOUTH KING STREET, ROOM 202  
HONOLULU, HAWAII 96813-3065  
TELEPHONE: (808) 768-5010 • FAX: (808) 768-5011

**IKAIKA ANDERSON**

*Council Vice Chair*

*Councilmember, District 3*

*Email: [ianderson@honolulu.gov](mailto:ianderson@honolulu.gov)*

*Phone: 808-768-5003*

*Fax: 808-768-1235*

January 19, 2016

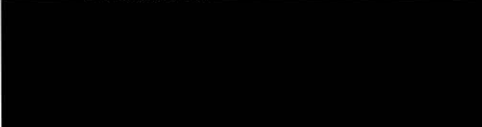
To whom it may concern:

I have had the opportunity over the past several years to work with Ms. Suzanne Frazer and Mr. Dean Otsuki, co-founders of Beach Environmental Awareness Campaign Hawaii (B.E.A.C.H.). They were instrumental in the Council's initiation and implementation of a bill to ban smoking on all city beaches and city beach parks in 2014. Their ever-expanding focus to educate the general public and school children about the problems of marine debris and its adverse effects on Hawaii's waters and marine life includes a project known as "Microplastic Marine Debris Sorting." The program has resulted in positive advancements and has brought increasing awareness to our communities of the importance of protecting our beaches and oceans and their inhabitants.

B.E.A.C.H. has been recognized many times for its volunteer work, including environmental education activities and partnering with the City and County of Honolulu in the City's HI-5 recycling program and in making and placing wire recycling bins at beach parks. In 2013, the agency was a recipient of the Awesome Foundation Oahu award for action-oriented projects and also the Douglas Tom "Thumbs-Up" Award from the Marine and Coastal Zone Advocacy Council. Prior to this, Dean and Suzanne received the Astrid and Donald Monson Community Action Award for outstanding community service and the Living Reef Award for going above and beyond to protect Hawaii's reef. Their work has also been recognized by the Mayor of Honolulu, Hawaii State Senate and the Honolulu City Council.

I highly recommend that B.E.A.C.H. be considered for the Grant-in-Aid, for which it has applied, to be awarded by the State of Hawaii. Mahalo for your consideration.

Sincerely,

  
Ikaika Anderson  
Council Vice Chair  
Councilmember, District 3

2563 Date Street, Apt. 207  
Honolulu, Hawaii. 96826

1/19/16

To Whom It May Concern

My name is Viliamu Rosen and I am happy to write this letter in support of Beach Environmental Awareness Campaign Hawai'i's application for Grant-In-Aid funding.

Last year I did 22 hours of volunteer service learning with B.E.A.C.H. sorting marine debris and assisting with their ground breaking research into microplastic marine debris. The service learning was part of my Environmental Studies class at Chaminade University where I am an undergraduate student.

I found working with B.E.A.C.H. was a very enlightening experience as well as encouraging and informational. I learned a lot of details I would never have known on my own. Our engagement in actually organizing the debris was very interesting and a bit shocking to discover how bad the pollution really is in our environment considering the marine life and how it can affect the entire food web from plankton all the way to us – human beings.

This organization is very inspiring to key aspects of daily life. I'm excited to use the new knowledge I've gained and apply it to my daily life. I'm now motivated to find a way to improve our society in some positive way and it's influence is thanks to B.E.A.C.H.

I found that after I started volunteering with B.E.A.C.H., I became more aware and caring of the environment. Before if I passed by some trash that wasn't mine, I would have the mind set that it wasn't my responsibility. Now I'm more willing to clean up trash in the environment regardless of whether it's mine or not. Ultimately I want to live in a clean, sustainable home.

Suzanne Frazer and Dean Otsuki, the co-founders of B.E.A.C.H. lead by great example and work tirelessly. They create a work environment that is very pleasant and a privilege to be a part of.

I'm glad I came across the B.E.A.C.H. organization and am able to be part of such an important research project. I hope B.E.A.C.H. will be successful in their funding application as their work is truly deserving of support and makes such a profound impact on students like myself.

Your sincerely,



Viliamu Rosen.

350 Aoloa St.  
Unit C106  
Kailua, HI 96734

January 19, 2016

To Whom It May Concern,

It is my pleasure to write this letter in support of Beach Environmental Awareness Campaign Hawai'i's application for Grant In Aid funding.

My name is Sidney Wayne and I am an Oceanography undergraduate student at Hawai'i Pacific University. I have been volunteering with B.E.A.C.H. researching and sorting microplastic marine debris.

I have been shocked to see how much plastic is really on our beaches and in the sand. I believe that the only way to stop this from happening in the first place is through research and education. What B.E.A.C.H. is doing is amazing and I am glad to be helping their cause in this area. I feel like there should be many more organizations doing this to spread awareness. It is so important for the well being of marine life and humans that plastics are researched, and that the population is educated about plastic marine debris.

It is also important and necessary to research marine debris for the improvement of our environment in general. I am excited and glad to be volunteering with B.E.A.C.H. for this reason. I am especially impressed with how the co-founders, Dean Otsuki and Suzanne Frazer, saw something that needed to be done and they took the initiative to do something about it. Without this kind of courage and dedication, no-one would ever do anything about the problems that the world faces. Also, without them doing this, I would not be able to dedicate my time nor be able to volunteer with them.

It is important for the public to be well educated about the plastic pollution problem. Every time I volunteer with B.E.A.C.H., I have felt so grateful that this organization is doing so much to make change happen, and I have felt honoured to be part of it. I feel shocked that this problem has become so large and that many people do not even realize it.

I have learned a lot from volunteering with the B.E.A.C.H. organization. I hope through Grant In Aid funds that more students can learn about marine debris and that they feel the need to take a step towards change as well.

Yours sincerely,

A large black rectangular redaction box covering the signature area.

Sidney Wayne.

# kilohana preschool

5829 Mahimahi Street  
Honolulu, Hawaii 96821  
Phone (808) 373-4434

To whom it may concern:

January 20, 2016

My name is Janet Buttel and it is my pleasure to write this letter of support for grant-in-aid funding for the awesome non-profit organization, B.E.A.C.H.

I am a lead teacher at Kilohana Preschool and understand the importance of early learning and my duty to provide the students with meaningful life long lessons. Protecting our environment and marine life.... by reducing plastic use, and keeping debris from our oceans IS one of the most important lessons they will learn. I strongly believe that taking care of the environment is "our" responsibility, and we are never too young, (or old) to learn how to do our part!

Suzanne and Dean have come to our school for the past three years now. We are always pleased with their child-appropriate presentation, and the valuable lesson they provide to the children. Dean and Suzanne are always willing to work with us and allow us to invite the families of our students to their presentation.

Upon arriving at our school, they set up a fabulous display of visual boards, a table of alternatives to plastic, and set out several containers of colored plastic and other debris, (such as nets & ropes) which they have removed from our beaches. They engage with the audience, and share heartfelt stories and the effect and consequences of marine debris.

I can't imagine an organization more worthy than B.E.A.C.H. Please consider financial aid so they can continue the fabulous job they are doing to raise awareness in our schools, and our communities. The children are our next generation, and I know that educating students, early on, will help ensure the protection of our environment and marine life. Without your help it will limit the amount of people they touch, and the ability to keep this organization afloat. For many years, Suzanne & Dean, have volunteered endless hours of their time educating the public, organizing and participating in hundreds of beach cleanups...(Not to mention the generosity of the thousands of dollars they have personally spent funding this program.) The small amount they receive in membership dues and donations does not begin to cover the expenses needed to get the job done, nor is it enough to keep this organization sustained. Please help!!

If you would like to discuss my support for this project further, please contact me @ 808-261-2763 or email [janetnwm@gmail.com](mailto:janetnwm@gmail.com)

Kind regards,

  
Janet Buttel  
Pre-K Teacher/Kilohana Preschool



STATE OF HAWAII  
HAWAII STATE PUBLIC LIBRARY SYSTEM  
AINA HAINA PUBLIC LIBRARY  
5246 KALANIANAOLE HIGHWAY  
HONOLULU, HAWAII 96821

January 21, 2016

To Whom It May Concern:

Thank you for the opportunity to support Beach Environmental Awareness Campaign Hawai'i's application for the Grant-In-Aid funds.

I have known Suzanne and Dean since 2011 through the free educational programs and art displays they offered to our library:

- Protecting the Ocean and Our Health: Plastic Reduction Solutions (2013)
- Marine Debris Awareness Student Art Project Displays (2011)
- Plastic: Impacts on Your Health, Marine Life and the Environment (2011)
- Synthetic Sea Story: a Documentary Presentation (2011)

The programs were all very informative, well-organized, and brought public awareness to a subject we know little about with clear visual presentations. I especially admire Suzanne's and Dean's tireless commitment to protecting both our health and our environment. There is tremendous work to be done and the importance of the subject can never be overemphasized.

While resources are always limited for non-profit organizations such as B.E.A.C.H., I hope there are more grants available continuously to support this good cause. Thank you for all your support and considerations.

Sincerely,

A large black rectangular redaction box covering the signature of Holly Kwok.

Holly Kwok, Manager



January 22, 2016

Janis Dela Cruz  
Waianae High School - METS  
c/o College Career Center  
85-251 Farrington Hwy  
Waianae, HI 96792

TO WHOM IT MAY CONCERN:

It is my great pleasure to write in support of the Beach Environmental Awareness Campaign Hawaii's (B.E.A.C.H.) request for Grant-In-Aid funding.

As a guidance advisor for the TRIO Upward Bound Programs, I previously coordinated several educational events with B.E.A.C.H. First, Suzanne and Dean lead my 50+ students through a Marine Debris Removal & Research Project and gave them the opportunity to participate in the Marine Debris Solutions Student Art Project. Our group, comprised of students Grades 9-12 from Waianae, Nanakuli, Campbell, Waipahu, Leilehua, and Farrington High School, thoroughly enjoyed learning about the impact plastic products has on our environment and the surrounding wildlife and eagerly participated in the debris sorting and collection of plastic caps and lids project and our artists in the group were excited to see that many of their artwork was on display in the Main Public Library for all to see and learn from.

Many students had reported that they never participated in a service learning project outside of the classroom that had such a profound impact on how they chose to live their life and how they viewed the beautiful beaches of our island. After our first marine debris training session, we had students who had reported seeing eel traps and other plastic debris at the beach over the weekend and they committed themselves to spend time picking up debris before going home every time they came to swim or surf. As an organization, B.E.A.C.H. arms students and community members with knowledge and then provides hands-on activities that helps them realize that we all must share in the responsibility to care for our land and its inhabitants.

In addition to the series of student volunteer services, I also worked with Suzanne and Dean with my church group comprised of about 15 – 20 volunteers. We assisted B.E.A.C.H. in sorting and cleaning caps and lids to prepare them for recycling. Our volunteers were mainly adults but a few of their children (ages 3-5) volunteered to assist their parents in the sorting as well. It was a

great collaboration and we were all thankful for the opportunity to help with such a worthy cause.

Funding sources are required to continue the good work that B.E.A.C.H. does for our community. The tireless efforts of Suzanne and Dean and the rest of the B.E.A.C.H. supporters is commendable and inspiring. Please consider funding their educational and service learning projects as the work they do is important.

I thank you again for your kind consideration.

Sincerely,



Janis Dela Cruz  
Program Specialist  
TRIO Manoa Educational Talent Search





Pearl Harbor Elementary School  
1 Moanalua Ridge  
Honolulu, Hawaii 96818

January 21, 2016

To Whom It May Concern:

My name is Kristi Ingel. I am a teacher and Environmental Club advisor at Pearl Harbor Elementary School. Our after school club, The Green Sharks, focuses on sustainability and living a "green" life.

I met Suzanne and Dean in 2014. I had been searching for an organization that would recycle plastic bottle caps, and stumbled upon B.E.A.C.H.'s booth at the Farmer's Market. B.E.A.C.H. was the only organization in Hawai'i that was involved in recycling plastic bottle caps.

Suzanne and Dean came to our school and did a presentation about the plastic problem, specifically its impact on albatross and other marine life. After learning about the negative impact of plastic on our beaches and in the ocean, the Green Sharks decided that we wanted to do our part in keeping as much plastic as possible off our beaches and out of the ocean. We began collecting plastic bottle caps, and Suzanne and Dean taught us, teachers and students, how to properly sort and clean the caps for recycling.

Our club, which consists of 4th-6th graders, worked with B.E.A.C.H. for 2 years on the plastic lid/bottle cap project. We teachers and our Green Club students have gained so much insight into the plastic problem by working with B.E.A.C.H. Suzanne and Dean have dedicated their lives to cleaning up beaches and the ocean and educating the public about the negative impact plastic debris has on our islands.

Please consider B.E.A.C.H. for a Grant in Aid. Teachers are the link to our students, the next generation. This grant would allow Suzanne and Dean to inservice many more teachers about the critical problem of marine debris, and what we can do about it.

Thank you,





# IOLANI SCHOOL

January 20, 2016

To whom it may concern:


I am writing this letter in support for Grant-In-Aid funding for B.E.A.C.H, with whom I have worked closely with in the classroom setting. I currently teach 5th and 6th grade science at Iolani School, where one of our main goals in Lower School science is to teach students about sustainability and conservation.

A few years ago, we reached out to B.E.A.C.H. to help us start a plastic bottle-cap recycling program at our school. Our students were learning about how the caps harm wildlife, in particular sea birds like the Laysan albatross, and started a campaign to collect and recycle them. We asked B.E.A.C.H. to teach our students how to clean and sort bottle caps so that they could be properly recycled. Suzanne and Dean came to each of my 5th grade classes and taught a lesson on the dangers of marine debris, mainly plastics, to our ecosystem. Because of their efforts, there is now a much larger awareness of issues related to trash on our campus, and students are much more conscious about bringing their own reusable water bottles to school each day.

One of the main missions of B.E.A.C.H. is to educate our youth about protecting our island's precious wildlife. This is only possible through grants and donations. I ask that you please strongly consider offering them a grant to continue their efforts in researching the effects of marine debris and microplastics on Hawaii's ecosystem and in serving as educational resources to Hawaii's teachers by teaching our students about the impacts of marine debris and possible solutions to the problem.

If you have any further questions, please feel free to contact me at (808) 949-5355 or [jmura@iolani.org](mailto:jmura@iolani.org). Thank you for your kind consideration of awarding a grant to this wonderful nonprofit organization!

Sincerely,

  
Jami Muranaka, N.B.C.T.  
Iolani School science teacher  
2007 Hawaii State Teacher of the Year

January 22, 2016

P.O. Box 492307  
Keaau HI 96749

To Whom It May Concern,

We are happy to write this letter of support for Grant-In-Aid funds for Beach Environmental Awareness Campaign Hawaii (B.E.A.C.H.). We are happy to be able to recommend Suzanne Frazer and Dean Otsuki with B.E.A.C.H. We have known them for 7 years. Our two daughters volunteered with B.E.A.C.H., helping with outreach booths and cleaning beaches on Oahu. They also joined Suzanne and Dean on a beach clean-up near South Point on the Big Island. Our daughters learned a great deal from Suzanne and Dean and were very motivated to help. What they learned at B.E.A.C.H., they brought home and taught me and the rest of our family. Now our whole family recycles and we are very aware of our environmental impact while visiting our beaches on the Big Island.

Suzanne and Dean are highly dedicated to their mission to reduce and prevent marine debris, to reach out to the community and to raise public awareness of the importance of preserving our environment. They are well organized and are able to effectively present their position.

Suzanne and Dean have proven themselves to be trustworthy and of good character. We have personally supported B.E.A.C.H. financially and we believe that their work is critical to the sustainability of these islands.

Sincerely,

  
Katherina Drake

20-January-2016

To Whom It May Concern:


I am writing this on behalf of Suzanne Frazer and Dean Otsuki of Beach Environmental Awareness Campaign Hawaii otherwise known as B.E.A.C.H. and their application for Grant-In-Aids funds.

For twenty-three years, my wife Claudia and I have been property managers of a large land parcel situated on Kahuku Point between the Turtle Bay resort and US Fish and Wildlife refuge. North-facing, it offers access to miles of majestic shoreline, whose raw beauty is arguably unmatched by any other undeveloped coastal strip on Oahu. Unfortunately, isolation comes with a price. Because of current and swell direction from prevailing trade winds, this section of coast is a natural magnet for tons of marine debris that gets pushed ashore on a recurring basis. This is where our relationship with Suzanne and Dean begins.

For years now we have been strong advocates and lend a hand to their organizational focus working along with various factions they reach out to including Coast Guard, Air Force, university and other community groups in their efforts to keep the shoreline clean of this environmental atrocity. More importantly, we have also been witness to and supported their tireless efforts in public outreach to educate young and old. We've provided video services to help them document the massive scope of cleanup necessary as well as a guest lecture series they sponsored on marine debris and its persistent organic pollutants in an effort to get the message out on the serious hazard posed to humans and wildlife. It's a thankless endeavor, but their day in and day out dedication to this environmental campaign is phenomenal and one that shouldn't go unnoticed. I urge you to consider their application for funding. Even though they are a small non-profit organization, you'll find no other with the commitment they have in helping to sustain our precious ocean and coastlines.

Please feel free to contact me if I can be of further assistance to you and your consideration process.

Sincerely,



Jeff Wallace  
PO Box 131  
Kahuku, HI 96731  
808-294-0128  
[jwscreenplay@aol.com](mailto:jwscreenplay@aol.com)

# Livable Hawaii Kai Hui

Sensible Growth, Respect for the land

"TAKING CARE OF THE LAND FOR GENERATIONS TO COME. EDUCATING COMMUNITY ABOUT MAUNALUA'S NATURAL AND CULTURAL RESOURCES THROUGH LAND-BASED ENGAGEMENT."

P.O. Box 25493, Honolulu, Hawaii 96825 | Email: hawaiiikaihui@aol.com | PH: 808.864.8081

[www.hawaiiikaihui.org](http://www.hawaiiikaihui.org) | <https://www.facebook.com/livablehawaiiikaihui>

January 21, 2016

## Grant-In-Aid funds

Via: B.E.A.C.H.

P.O. Box 25284,

Honolulu, Hawai'i 96825

Re: **Beach Environmental Awareness Campaign Hawai'i's**  
**Request for Grant-In-Aid**

Aloha, To Whom it May Concern:

Livable Hawaii Kai Hui (LHK Hui) is proud to support Beach Environmental Awareness Campaign Hawai'i's (B.E.A.C.H.) request for Grant-In-Aid. LHK Hui has worked with B.E.A.C.H. at a number of community educational events and continues to be impressed with their educational outreach and effective environment programs. B.E.A.C.H.'s environmental education in schools and the community relating to marine debris removal and research and their plastic reduction and litter prevention campaigns are compelling, effective and much needed throughout Hawaii.

B.E.A.C.H. has an impressive network and continues to provide our organization with important information and opportunities relating to the environment as well as providing cutting-edge findings and solutions to marine debris and plastic reduction. It is a pleasure to work with the leadership of this organization because they continue to develop programs that are action and results oriented.

Kind Regards

  
Elizabeth Reilly /



A COMMUNITY DRIVEN, VOLUNTEER-BASED RESTORATION PROJECT.

Hāwea Heiaa Complex  
& Keawāwa Wetland

CELEBRATE THE CULTURAL AND NATURAL RESOURCES OF YOUR COMMUNITY

January 22, 2016

To Whom It May Concern:

It has been my pleasure to have worked collaboratively with the B.E.A.C.H. organization from 2008 to 2011 as a Marine Science teacher at James Campbell High School. Over the years my students and I have completed several projects with this organization to educate the community about marine debris awareness and possible solutions to this pervasive problem. In Hawaii, there is no other organization more involved in research, data taking, sorting, removal (i.e. beach clean ups), outreach to inform the public, & legislation to reach this goal. It is for these very reasons that I highly recommend B.E.A.C.H. for your Grant-In-Aid.

Throughout the various projects my students have participated in with B.E.A.C.H., including the Marine Debris Awareness and Solutions projects, my students were first educated on this topic by the presentations and actual marine debris materials brought in by this organization. My students were exposed to the latest research on the topic and created informed poster representations of the topic that have been published by B.E.A.C.H. in three different books available in print form in our community libraries as well as posters that can be seen throughout libraries and state buildings throughout our islands. I firmly believe that it is of great importance to continue to fund the outreach projects offered by B.E.A.C.H. free of charge to Hawaii schools as they are the only organization of its kind based in Hawaii working so vigorously & tirelessly with the end goal in mind of preventing all plastic pollution. Hawaii is situated in the largest plastic, micro plastic, & toxic, aged POP (persistent organic pollutant) containing plastic dump in the world known as the Great Pacific Garbage Patch globally and funding the B.E.A.C.H. organization would be of great service to our local and global community.

After a brief hiatus from teaching full-time I look forward to again working with the B.E.A.C.H. organization as a new marine science teacher at Radford High School for the years to come.

Please feel free to reach me should you have any other questions concerning this letter of support Grant-In-Aid funds.

Kind Regards



Suzie Wallace

Science Teacher  
Radford High School  
4361 Salt Lake Blvd  
Honolulu, HI 96818  
(808) 383-8830