

House District(s) 29

Senate District(s) 14

THE TWENTY-NINTH 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:
Bishop Museum

Dbas:

Street Address: 1525 Bernice St., Honolulu, HI 96817

Mailing Address: 1525 Bernice St., Honolulu, HI 96817

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name AMY MARVIN

Title SR. VICE PRESIDENT & COO

Phone # 808-848-4149

Fax # 808-841-8968

E-mail AMY.MARVIN@BISHOPMUSEUM.ORG

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:

HAWAII BIOLOGICAL SURVEY

4. FEDERAL TAX ID #: [REDACTED]

5. STATE TAX ID #: [REDACTED]

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2019: \$350,000

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 \$ _____

FEDERAL \$ _____

COUNTY \$ _____

PRIVATE/OTHER \$ _____

TYPE

MELANIE IDE, PRESIDENT & CEO
NAME & TITLE

1/19/18
DATE SIGNED

Application for Grants

Please check the box when item/section has been completed. 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.

Bishop Museum, the Hawai'i State Museum of Natural and Cultural History, was founded in 1889 by Charles Reed Bishop to honor the memory of his late wife, Princess Bernice Pauahi Bishop, the great-granddaughter of Kamehameha the Great. The Museum's founding collections contain the personal legacies and bequests of the royal Kamehameha and Kalākaua families, including those of Princess Pauahi, Princess Ruth Ke'elikolani, and Queen Emma. Mr. Bishop recognized the inter-dependency of culture and nature, which is fundamental to the world views of Pacific peoples, and supported the early acquisition of important collections of plant and animal specimens. He intended for Bishop Museum to rank with the great museums of the world.

Today, the Museum's collections encompass more than 25 million catalogued specimens and objects, placing it among the top five natural history museums in the United States and the top ten in the world. Its collections, which are the largest in the world from the Pacific region, include over 1.2 million cultural artifacts representing Native Hawaiian, Pacific Island, and Hawai'i immigrant life; 125,000 historical publications, including many in the Hawaiian language; one million historical photographs, films, works of art, and publications; and 22 million plant and animal specimens.

Museum researchers have discovered more than 17,000 species of plants and animals throughout the Pacific region, and have made countless discoveries related to the migration, settlement, and daily life of Pacific peoples. The Museum's educational programs provide science and cultural education opportunities to thousands of Hawai'i schoolchildren each year, and it is estimated that the Museum has hosted more than 10 million visitors over its history.

In 1988, Bishop Museum was designated the Hawai'i State Museum of Natural and Cultural History. In 1992 it was further designated as the Hawai'i Biological Survey. This effectively made the Museum the primary state repository of plant and animal specimens and required the preparation of a checklist of species found within the state. With support from the John D. and Catherine T. MacArthur Foundation, the Museum assembled a

comprehensive checklist of the State's plants and animals, including introduced species, making Hawai'i the only U.S. state to fully document its flora and fauna.

The website for Bishop Museum is www.bishopmuseum.org.

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

The primary purpose of the Hawai'i Biological Survey (HBS) is to provide scientific information to guide and inform the management of the living landscape of Hawai'i, including efforts to protect endangered species, maintain native ecosystems, and to prevent the establishment of agricultural and garden pests.

The Hawai'i Biological Survey does not currently receive any direct State support, and while Bishop Museum can provide critical tools for State resource managers, the databases must be brought up-to-date in order to ensure that resource managers have access to current information about the plants and animals present in Hawai'i and their geographic distribution within the archipelago. The Museum is requesting a Grant-in-Aid to update the HBS checklists and databases into a useable format, and to develop easy-to-use web portals and tools to provide natural resource managers with increased accessibility to this essential information.

Specific objectives for the proposed project include:

- Bringing all species checklists and associated literature databases up-to-date for all species of plants and animals found in the State of Hawai'i; and
- Developing web services and tools to assist natural resource management agencies in accessing and utilizing the HBS information.

The overall goal of this project is to provide land management agencies with critically important information on the distribution and diversity of all plants and animals found in the State, together with the analysis tools necessary to enhance their efforts to manage and protect the areas of the highest biological significance within the State of Hawai'i.

Federal, State and non-governmental organizations are estimated to collectively spend more than \$200 million annually on natural resource management in Hawai'i. Easy access to the information contained within the Hawai'i Biological Survey, along with appropriate analysis tools, will allow natural resource managers to make informed decisions on the best use of their funds and resources to protect Hawai'i's fragile ecosystems, eradicate alien species, restore native species, identify and curb invasive vectors for emerging diseases, and conserve endangered and threatened endemic species.

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

Hawai'i is perhaps the world's most spectacular example of what biologists call adaptive radiation. While this is the process that has made the Galapagos Islands so famous,

Hawai'i is a far more impressive example. Fewer than a thousand ancestral species reached Hawai'i at intervals of thousands to hundreds of thousands of years, and diversified into a flora and fauna of some 28,000 species, most of which are found nowhere else on earth. Sadly, much of this assemblage has gone extinct because of loss of habitat and the introduction of invasive species and diseases. However, important endemic species remain. Many of these are protected in the State's 21 Natural Area Reserves (NARS), but these involve less than 2% of the State's total land area.

Access to complete and up-to-date checklists of all plants and animals found in Hawai'i is critically important to natural resource, agricultural, and conservation managers, who need this information in order to make informed decisions in how to best protect endangered species, maintain native ecosystems, and prevent the establishment of new invasive pests (and disease vectors) in Hawai'i. The ability to easily access and query the data found in the Hawai'i Biological Survey will help determine what conservation steps should be taken—as well as the most promising areas within the State to protect—for the long-term protection for Hawai'i's native biota. In addition, new research on invasive species pathways and potential disease vectors for parasites such as rat lungworm needs to be integrated into the HBS databases to help curb newly emerging diseases and invasive pests. Without access to these data and tools, natural resource managers may not have all the information they need make informed, timely, and efficient decisions on how to best protect Hawai'i's natural resources.

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

While the primary target population for this project includes all State, Federal, and non-governmental organizations who are active in natural resource management, conservation, and protection in the State, all residents of and visitors to the State of Hawai'i will benefit from this work.

5. *Describe the geographic coverage.*

The Hawai'i Biological Survey covers the entire geographic area of the State and will benefit all the State's residents and visitors.

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*

Bishop Museum's Hawai'i Biological Survey (HBS) is a natural history inventory of the Hawaiian archipelago. It was created to locate, identify, and evaluate all native and non-native fauna and flora within the State, as well as to maintain the reference collections of that biota for a wide range of uses. In coordination with related activities in other federal,

state, and private agencies, Museum scientists gather, analyze, and disseminate biological information necessary for the wise stewardship of Hawai'i's rich natural heritage. Museum scientists also conduct a coordinated inventory and monitoring program to assess the overall status and trends in the abundance, health, and distribution of plants and animals, as well as the ecosystems upon which they depend.

The two main components of the proposed project are:

- Updating the HBS species checklist. The Museum's checklists of the plants and animals of Hawai'i are between five and ten years out of date. While Museum staff have worked to track relevant literature and note technical papers naming new species or making taxonomic changes, incorporating all of this information into HBS checklists has not been possible due to budgetary constraints and previous staffing cuts at the Museum. The proposed project will allow for these essential new data to be added into the species checklist, making the checklist a complete and indispensable tool for natural resource managers. New information that will be integrated into the database includes vital research into new invasive species pathways and potential disease vectors with significant implications for human health.
- Web services and data analytics. During the past decade there have been tremendous advances in the use of geographic information system (GIS) technology to identify broad-scale conservation priorities and guide conservation action. The main constraint in the use of this technology has been a dearth of data and the development of web-accessible services to facilitate and simplify data analysis. Bishop Museum will partner with government agencies and non-governmental organizations to develop tools to facilitate the full use of Museum data.

Updates to the all species checklist and literature database are anticipated to concentrate in three collections areas: Botany, Malacology, and Entomology. For each collection, a qualified team has been assembled that includes a researcher or research specialist with detailed scientific knowledge, a collections manager to assist with species identification, digitization, and literature review, and collections technician(s) to manage data entry. Through this grant, Museum staff will review the entire checklist to add newly discovered and introduced species and all additional relevant information such as species distribution and abundance; revise entries as needed for all currently included species, such as adding in new geographic locations in which an invasive species may have been discovered; and append the necessary literature to each entry. Researchers will also be assessing invasive species pathways and potential disease vectors for parasites such as rat lungworm.

In addition, a database specialist will design and implement new web interface tools for the online-access database of all the plants and animals currently found in Hawai'i, in partnership with the appropriate State agency and non-governmental organization end-users of the database.

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

The proposed project will commence as soon as funding is released, and is expected to be completed within 12 months of the project start date.

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

The project leader, Dr. Allen Allison, will work with identified Museum staff to monitor progress on a monthly basis. Problems will be identified, budgets carefully reviewed, and corrective actions will be developed and implemented on a regular basis.

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.*

- All species checklists of Hawaiian plants and animals updated to include all published records (new species and taxonomic revisions) and Museum accessions through 2017 in compliance with Global Biodiversity Information Facility (GBIS) standards; and
- All digital Museum data on Hawaiian plant and animal specimens will be made accessible through online databases, complying fully with Darwin Core criteria and meeting industry standards for quality control and assurance.

III. Financial

Budget

1. *The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.*

Attached.

2. *The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2019.*

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$104,375	\$81,875	\$81,875	\$81,875	\$350,000

3. *The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2019.*

Bishop Museum does not have other pending sources of funding for the project described above.

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.*

None. The Bishop Museum is a 501(c)(3) non-profit organization.

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 2019 for program funding.*

Attached.

6. *The applicant shall provide the balance of its unrestricted current assets as of December 31, 2017.*

Bishop Museum's unrestricted net assets as of December 31, 2017 are \$37,740,554.

IV. 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.

Bishop Museum, founded in 1889, is a 501(c)(3) non-profit organization with a staff of about 150 and an annual operating budget of \$12 million.

The Museum's collections and research publications represent over a century of work by its anthropologists, archaeologists, biologists, and geologists. The Museum's collections include some 25 million objects and are collectively the largest Hawai'i and Pacific area collection in the world. Among these items are over 22 million plant and animal specimens. The vast natural science collections and databases serve scientists, natural resource managers, planners, conservation biologists, educators, and students. Bishop Museum has been serving Hawai'i's people for more than a century.

Previous Related Projects

Bishop Museum has been conducting similar work for more than one hundred years. Soon after its founding in 1889, Bishop Museum established programs to study and document the plants and animals of Hawai'i and that effort has become the largest single source of information on Hawaiian organisms. Virtually all definitive published treatments and manuals of Hawaiian organisms, beginning with *Fauna Hawaiiensis* in 1901, have been produced by the Museum or in close collaboration with the Museum.

Bishop Museum regularly conducts a coordinated inventory and monitoring program in assessing the overall status and trends in the abundance, health, and distribution of plants and animals across the State, as well as the ecosystems upon which they depend.

In 1992, the Hawai'i State Legislature recognized the Museum's past and present activities by designating Bishop Museum as the Hawai'i Biological Survey. The Museum has published the annual Records of the Hawai'i Biological Survey since 1994.

Related projects over the past three years include the NSF-funded project *Housing, Databasing, Digitizing, and Accessibility Upgrades to the largest Pacific Island Land Snail Collection*, which includes databasing all known species of land snails in the Pacific; *Conducting Surveys of the Diversity and Distribution of Invasive Land Snails in Hawai'i and Assessing Potential Range Expansion from Historical Collections*, and the NSF-funded project *Revisionary Systematics of Hawaiian Achatinellidae*, which involves documenting extant species, assessing habitat suitability, and providing conservation assessments for the remaining species.

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.

Bishop Museum is located on 16 acres of land in lower Kalihi Valley. The campus combines original, 19th century stone buildings, modern research facilities, an interactive science center, tropical gardens, and the activity-filled Great Lawn. The Museum has a total of 50,000-square feet of exhibit space and of that area, approximately 37,000 square feet are dedicated to long-term exhibits.

V. 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.

Allen Allison, PhD – Director of Natural Sciences

Dr. Allison has worked for the Bishop Museum for more than 35 years. He has conducted field work in Papua New Guinea since 1973, with support from the National Science Foundation and other sources, and has discovered more than 100 new species of amphibians and reptiles. He has extensive expertise in biological surveys and will be the Project Leader on the proposed project, supervising the team and providing administrative direction for the project as a whole, as well as providing administrative oversight and scientific expertise for vertebrate zoology within this project.

Neal Evenhuis, PhD – Senior Entomologist

Dr. Evenhuis is Bishop Museum's Senior Research Entomologist. In his 40 years at the Museum, he has described over 600 species of insects in 560 scientific articles and books. He specializes in the taxonomy of Hawaiian and Pacific flies (Diptera), especially long-legged predatory flies (Dolichopodidae). He is also a world expert on bee flies (Bombyliidae) and micro bee flies (Mythicomyiidae). In addition to taxonomy, he conducts bibliographic research. Dr. Evenhuis has been involved with the Hawai'i Biological Survey since its inception and will provide administrative oversight, scientific expertise, and literature reviews for entomology within this project.

Clyde Imada – Research Specialist

Imada is a research specialist in the Botany department at Bishop Museum, conducting botanical field surveys, responding to plant information requests, identifying plants, and editing botanical materials. Imada will provide administrative oversight and scientific expertise for botany within this project, as well as assisting with species identification, literature review, digitization, and data entry for botany.

Richard L. Pyle, PhD – Database Coordinator

Dr. Pyle has worked in the Ichthyology collection at Bishop Museum since 1986. He is an Associate Researcher, Database Coordinator, and Dive Safety Officer for the Museum. His main field of expertise involves the taxonomy and biogeography of coral-reef fishes. His other areas of work includes the use of advanced diving technology to document biodiversity inhabiting deeper regions of tropical coral reefs, and the development of computer database systems and associated data standards for managing biodiversity information. Dr. Pyle will provide administrative oversight for the database and web interface efforts of the project, coordinate with external end-users, and design and implement the new web-based access and analytical tools developed for the proposed project.

Norine W. Yeung, PhD – Malacologist

Dr. Yeung's current research interests are focused on understanding the evolutionary mechanisms and processes that generate, maintain, and in some cases, reduce biodiversity. She has extensive research experience in native Hawaiian land snails as well as invasive species and emerging diseases carried by snails and slugs, such as rat lungworm disease. Dr. Yeung will provide administrative oversight and scientific expertise for malacology within this project.

Jayne Kim—Malacology Research Specialist.

Kim assists with malacology research and collections care. She will be responsible for assisting with species identification, literature review, and digitization for malacology within this project.

James Boone—Entomology Collections Manager

Boone is the collections manager for the Museum’s entomology collection. He will be responsible for assisting with species identification, literature review, and digitization for entomology within this project.

Barbara Kennedy—Botany Collections Manager

Kennedy is the collections manager for the Museum’s botany collection. She will be responsible for assisting with species identification, literature review, and digitization for botany within this project.

Nicholas Walvoord—Botany Collections Technician

Walvoord is the Museum’s Botany Collections Technician, and assists the Botany Collections Manager in all aspects of collection curation. He will be responsible for literature review, digitization, and data entry for botany within this project.

In addition, the Museum intends to hire a collections technician for Malacology and a collections technician for Entomology to handle data entry tasks for Malacology and Entomology.

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.

Attached.

3. 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.

Ms. Melanie Ide, President & CEO: \$225,000

Ms. Amy Marvin, Senior VP and COO: \$150,000

Ms. Courtney Chow, Vice President for Institutional Advancement: \$111,111

VI. Other

1. Litigation

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

None.

2. Licensure or Accreditation

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

Bishop Museum is accredited by the American Alliance of Museums (formerly the American Association of Museums).

3. Private Educational Institutions

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

Not applicable.

4. Future Sustainability Plan

The applicant shall provide a plan for sustaining after fiscal year 2018-19 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2018-19, but*
- (b) Not received by the applicant thereafter.*

The activities completed with funding from this grant will be allow the Museum to complete the entire backlog of species and literature into the Hawai'i Biological Survey checklist, creating a fully updated checklist of all plants and animals found in the State. Once the backlog has been addressed, annual updates will be far easier to sustain through operating revenue or private funding sources. The Museum annually generates \$12 million per year in operating revenues from a combination of earned revenue streams, fundraising activities, interest income derived from endowments and grant and contract work. In addition to these funds, the Museum will continue to seek dedicated private funding to underwrite these efforts going forward.

5. 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, 2017.

Attached.

6. Declaration Statement

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

Attached.

7. Public Purpose

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

This grant shall be used for a public purpose: to provide critical scientific information to guide and inform the management of the living landscape of Hawai'i, including efforts to protect endangered species, maintain native ecosystems, and to prevent the establishment of agricultural and garden pests.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2018 to June 30, 2019

Applicant: BISHOP MUSEUM

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	229,963			
2. Payroll Taxes & Assessments				
3. Fringe Benefits	91,985			
TOTAL PERSONNEL COST	321,948	0	0	0
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies	28,052			
7. Telecommunication				
8. Utilities				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	28,052	0	0	0
C. EQUIPMENT PURCHASES				
D. MOTOR VEHICLE PURCHASES				
E. CAPITAL				
TOTAL (A+B+C+D+E)	350,000	0	0	0
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	350,000	Tracie Mackenzie (808) 847-8204		
(b) Total Federal Funds Requested	0	[Redacted] Phone		
(c) Total County Funds Requested	0	1/19/18 Date		
(d) Total Private/Other Funds Requested	0	[Redacted]		
TOTAL BUDGET	350,000	Melanie Ide, President & CEO Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2018 to June 30, 2019

Applicant: Bishop Museum

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Director of Natural Sciences	1	\$105,518.40	20.00%	\$ 21,103.68
Database Developer - Coordinator	1	\$59,159.88	50.00%	\$ 29,579.94
Malacologist	1	\$66,444.56	25.00%	\$ 16,611.14
Malacology Research Specialist	1	\$41,600.00	40.00%	\$ 16,640.00
Malacology Collections Technician - Data Entry	1	\$31,200.00	100.00%	\$ 31,200.00
Entomologist	1	\$76,506.04	25.00%	\$ 19,126.51
Entomology Collections Manager	1	\$50,000.00	40.00%	\$ 20,000.00
Entomology Collections Technician - Data Entry	1	\$31,200.00	100.00%	\$ 31,200.00
Botany Research Specialist	1	\$40,442.74	25.00%	\$ 10,110.69
Botany Collections Manager	1	\$45,191.38	40.00%	\$ 18,076.55
Botany Collections Technician - Data Entry	1	\$33,433.28	25.00%	\$ 8,358.32
Botany Collections Technician - Data Entry	1	\$31,824.00	25.00%	\$ 7,956.00
				\$ -
				\$ -
TOTAL:				229,962.83
JUSTIFICATION/COMMENTS:				

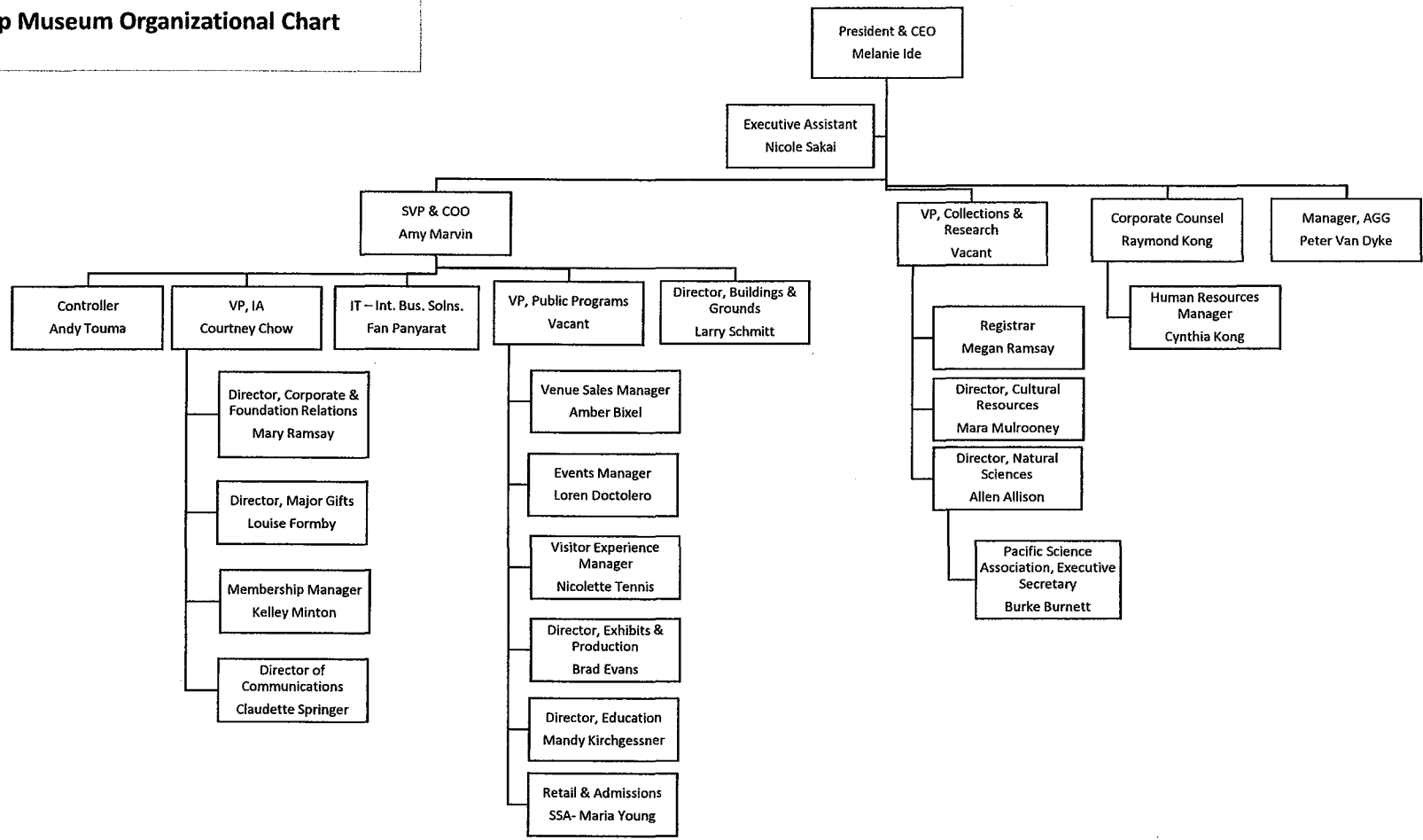
GOVERNMENT CONTRACTS AND / OR GRANTS

Applicant: Bishop Museum

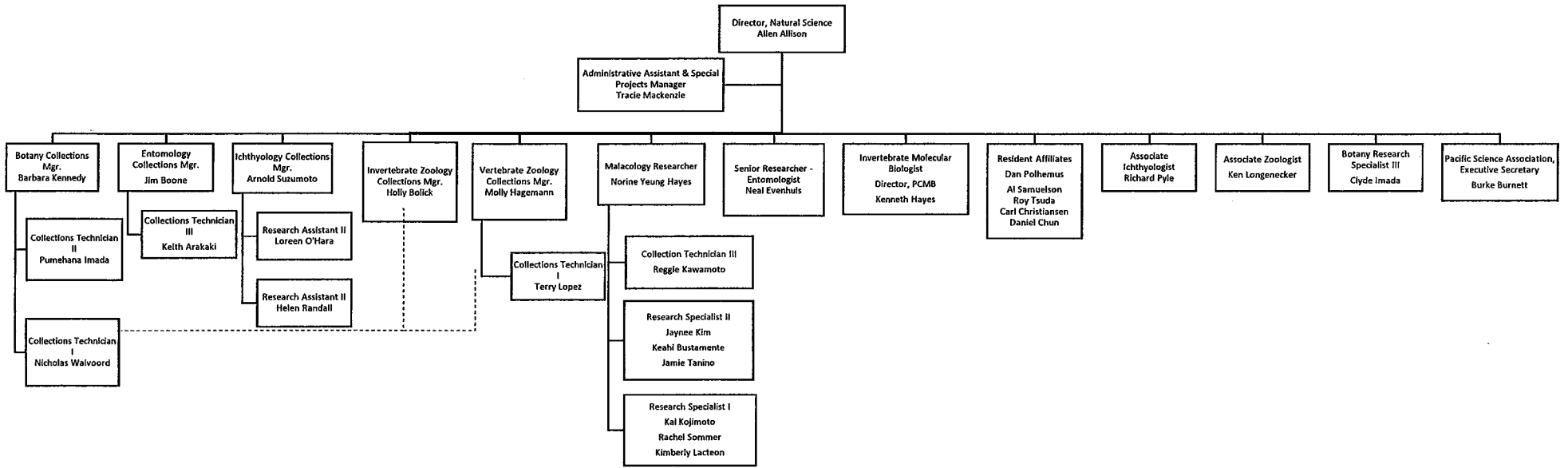
Contracts Total: \$ 7,507,880

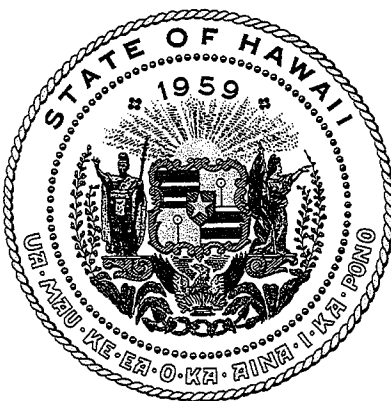
CONTRACT DESCRIPTION		Project GL Account No.	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	Museum-wide energy efficiency	060602	June 2014 - June 2018	SOH CIP	State Grant	\$ 2,000,000
2	Museum-wide improvements and maintenance	060609	Sept 2014 - June 2018	SOH CIP	State Grant	\$ 1,000,000
3	Life Safety 2016	060721	June 2017 - June 2018	SOH CIP	State Grant	\$ 1,200,000
4	Energy Efficiency and ADA Compliance	TBD	June 2017-	SOH CIP	State Grant	\$ 250,000
5	Hoomaka Hou Research Initiative focuses on the analysis of archaeological materials from Bishop Museum's legacy collections.	130612	July 2014 - June 2017	HCH	State Grant	\$ 5,000
6	Developing a master preservation plan for the world's largest Hawaiian and Pacific archaeology collections	140703	Oct 2016 - Dec 2017	NEH	Federal (SEFA)	\$ 49,581
7	Digitize Hawaiian audio, ethnological notes, and Kekahuna cultural records collections.	180543	Feb 2012 - Ongoing	OHA	State Contract	\$ 165,900
8	Digitize John Stokes map material, Louis Sullivan photo material, and governance material collections.	180694	Feb 2016 - Jan 2018	OHA	State Contract	\$ 300,000
9	The goal of the Celestial Islands project is to create a NASA-inspired STEM learning network based at Bishop Museum.	440538	Sept 2012 - July 2016	NASA	Federal (SEFA)	\$ 799,992
10	Establish a comprehensive inventory of Hawaiian collections located in Museums in Australia and New Zealand and develop exhibit plan	640583	Oct 2013 - Sept 2015	IMLS	Federal (SEFA)	\$ 36,271
11	Amy Greenwell Gardens Arbor Day	660502	July 2014 - June 2015	USDAFS	Federal (Vendor Contract)	\$ 2,500
12	Welo Hou: Roberts Mele	180752	Oct 2017 - Sept 2019	IMLS	Federal (SEFA)	\$ 140,104
13	Global Names Discovery	210709	Aug 2016 - July 2017	NSF	Federal (SEFA)	\$ 25,693
14	CSBR Housing, Databasing, Digitizing, and Accessibility Upgrades to the largest Pacific Island Land Snail Collection	250701 / 250702	Aug 2016 - July 2019	NSF	Federal (SEFA)	\$ 495,633
15	Endangered Languages: Kala	320705 / 320706	Sept 2016 - Feb 2020	NSF	Federal (SEFA)	\$ 227,463
16	American Samoa - Jungle Histology	320699	Sept 2016 - Aug 2018	NOAA	Federal (SEFA)	\$ 201,611
17	Community Resiliency Project	470741	Feb 2017 - Ongoing	NOAA	Federal (SEFA)	\$ 17,500
18	Wake Atoll Fisheries Survey	320756	Sept 2017 - March 201	USAce	Federal (SEFA)	\$ 226,473

Bishop Museum Organizational Chart



**Bishop Museum Organizational Chart:
Natural Sciences**





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

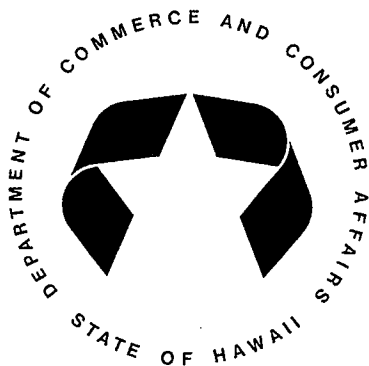
BISHOP MUSEUM

was incorporated under the laws of Hawaii on 02/07/1975 ; 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 18, 2018

Director of Commerce and Consumer Affairs



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

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

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

Bishop Museum



on)

1/19/18
(Date)

Melanie Ide
(Typed Name)

President & CEO
(Title)