

III. OPERATING COST DETAILS

[illegible]

Subtotal Current Lease Payments										
By MOF		A	0			0	0	0	0	0
		B	0			0	0	0	0	0
		N	0			0	0	0	0	0
M. Motor Vehicles (List Vehicles)										
Subtotal Motor Vehicles			0			0	0	0	0	0
By MOF		A	0			0	0	0	0	0
		B	0			0	0	0	0	0
		N	0			0	0	0	0	0
TOTAL REQUEST			4.00	0.00	780,000	7.00	0.00	1,000,000	1,000	1,000

IV. JUSTIFICATION OF REQUEST

The Board of Regents has noted that the University System needs to proactively support student achievement using distance learning via on-line classes and via hybrid (on-line and classroom) instruction. Presently, distance education is delivered on an adhoc basis depending upon faculty interest and student response. A more systemic approach, including the development of an integrated catalogue of both classroom, hybrid and on-line courses, is needed in order to increase the use of distance learning. In order to develop this systemic approach, the University System is proposing to conduct a needs assessment at all campuses and within each major department, to identify faculty interest and skill levels to deliver on-line courses, student interest in and demand for priority courses, as well as technical infrastructure enhancements necessary for the delivery of on-line courses.

Once the needs assessment is completed, a catalogue of on-line courses will be developed in conjunction with faculty.

Faculty and students who agree to participate in distance education programs will receive additional support through a corps of distance education staff, including student assistance via online tutoring and mentoring and faculty support via enhanced software and educational technology.

Finally, on-line courses will be targeted in support of enhancing student achievement of graduating within four years.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN

VI. ELECTRONIC DATA PROCESSING

VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES

VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)

IX. EXTERNAL CONFORMANCE REQUIREMENTS

X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)

XI. OTHER COMMENTS

Date Prepared/Revised: 10/22/12

**FB 13-15 BUDGET
OPERATING BUDGET ADJUSTMENT REQUEST
UNIVERSITY OF HAWAII**

Program ID/Org. Code: UOH 900/JJ
Program Title: UH Systemwide Programs

Department Contact: Linda Johnsrud Phone: 956-7075
Peter Crouch Phone: 956-7727
Laurel Johnston Phone: 956-7323

Department Priority _____

Request Category:

Fixed Cost/Entitlement _____

Health, Safety, Court Mandates _____

Trade-Off/Transfer (+) _____ (-) _____

Add'l Resources for Current Prgrms _____

New Day Objectives _____

Other ☒ X _____**I. TITLE OF REQUEST: Engineering Consortium/Pre-Engineering and Physical Sciences (PEPS)**

Description of Request:

This request is focused at increasing the number, and retention rate of pre-engineering and lower division engineering and physical science students across the UH System and improving the transfer of these students from the Community Colleges to STEM degree programs. The lead and coordinating role for this request is through the College of Engineering at UH Mānoa, and has the following integral partners: the Colleges of Engineering and Natural Sciences at four year campuses, the seven Community Colleges in the UH System. These units of UH are already meeting in a loose "Engineering Consortium". The requested funding would formally establish the UH Engineering Consortium with a Director housed in a Consortium Office within the Engineering College at UH Manoa and initiate the Pre-Engineering and Lower Division Engineering & Physical Sciences (PEPS) program. As such this request addresses the need to advance workforce development in the State, but also has direct impact on the State's capacity for growth and development and assisting in diversifying the economy.

This request focuses much of its efforts on mechanisms that help students join programs in pre-engineering and the physical sciences, remain in these programs over the UH system and then help them transition successfully into STEM degree programs. As such this request will specifically help Native Hawaiian and Part Native Hawaiian students, and students from disadvantaged backgrounds who have a disproportionate difficulty in accessing such programs.

Specifically this request includes faculty and instructors in mathematics, engineering and physical science for dedicated teaching and instruction of PEPS curricula via distance and a set of mathematics emporia located on each campus. It includes funding for 2 dedicated PEPS lecturers in the Engineering Native Hawaiian Retention program and a Native Hawaiian Retention program coordinator. It includes funding for upper division and graduate students to assist in the retention activities of PEPS students. It includes computer equipment and software for the mathematics emporia and on line tutoring. It includes equipment for distance learning classrooms and technicians to manage the mathematics emporia and distance learning classrooms. It includes funds for an Engineering Consortium Director, and assistant, and operations funds for the director's office. It includes a senior faculty member in the mathematics department at UH Mānoa to lead the PEPS instruction function in Mathematics.

There will be many opportunities to employ Native Hawaiian and Part Native Hawaiian upper classmen and graduate students as part of this program's retention efforts. Efforts will be made to employ Native Hawaiians and Part Native Hawaiians in the additional lecturer and faculty roles that are part of this program.

II. OPERATING COST SUMMARY

	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
	FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services	12.00		700,000	28.00		2,380,000	2,380	2,380	2,380	2,380
B. Other Current Expenses			500,000			500,000	500	500	500	500
C. Equipment										
L. Current Lease Payments										
M. Motor Vehicles										
TOTAL REQUEST	12.00	0.00	1,200,000	28.00	0.00	2,880,000	2,880	2,880	2,880	2,880

By MOF:

B
N
P
R
S
T
U
W
X

12.00	0.00	1,200,000	28.00	0.00	2,880,000	2,880.0	2,880.0	2,880.0	2,880.0
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III. OPERATING COST DETAILS

MOF	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
	FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services (List all positions)										
A			700,000			2,380,000	2,380	2,380	2,380	2,380
Director of Consortium/PEPS	1.00			2.00						
Instructional Faculty - 4 yr	2.00			6.00						
campuses	4.00			7.00						
Instructional Faculty - CCs										
Instructional & Student Support - CCs	3.00			7.00						
Academic Support - 4 yr										
campuses	1.00			4.00						
Institutional Support	1.00			2.00						
Other Personal Services										
Fringe Benefits										
Turnover Savings										
Subtotal Personal Service Costs	12.00	0.00	700,000	28.00	0.00	2,380,000	2,380	2,380	2,380	2,380
By MOF	A									
	B									
	N									
B. Other Current Expenses (List by line item)										
Lecturers/Student										
Assistants/Tutors	A		500,000			500,000	500	500	500	500
Subtotal Other Current Expenses			500,000			500,000	500	500	500	500
By MOF	A		500,000			500,000	500	500	500	500
	B		0			0	0	0	0	0
	N		0			0	0	0	0	0
C. Equipment (List by line item)										
Subtotal Equipment			0			0	0	0	0	0
By MOF	A		0			0	0	0	0	0
	B		0			0	0	0	0	0
	N		0			0	0	0	0	0

L. Current Lease Payments (Note each lease)

L. Current Lease Payments (Note each lease)											
Subtotal Current Lease Payments				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
M. Motor Vehicles (List Vehicles)											
Subtotal Motor Vehicles				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
TOTAL REQUEST		12.00	0.00	1,200,000	28.00	0.00	2,880,000	2,880	2,880	2,880	2,880

IV. JUSTIFICATION OF REQUEST

This request is focused directly at the UH Strategic Outcome Globally Competitive Workforce and associated performance measure UH degrees in STEM fields.

It is estimated that there are at least 900 potential PEPS students in the UH System with about 500 lower division physical science based students including over 200 students declared as pre-engineering, 200 lower division engineering students at UH Manoa, and with at least an additional 200 pre-engineering and physical science based students at the Community Colleges. Students in pre-engineering and lower division engineering and physical science programs all take very much the same courses so it makes sense to treat these students as a whole.

The College of Engineering at UH Mānoa and many of the Community Colleges have already implemented specialized programs for Native Hawaiian and Part Native Hawaiian Students in the STEM disciplines. This request aims to leverage these efforts in the context of PEPS and coalesce many of these efforts. This specific effort has already begun under the Engineering Consortium.

By focusing on the Pre-Engineering and Lower Division Engineering & Physical Sciences (PEPS) program, this request does not consider other important dimensions of the challenge of increasing the output of UH STEM degrees. These include the many fields and students associated with the life (and medical) sciences, and of course all of the upper division STEM curriculum issues that would be associated with a successful PEPS program and increased numbers of students passing and transferring to UH Manoa upper division STEM curricula, including engineering. It is envisaged that if the PEPS program is successful many of the lessons learned and retention techniques could be transferred to the life sciences component of the lower division STEM curriculum and to some of the STEM upper division STEM curriculum.

Mechanisms

This request intends to employ four main mechanisms in the PEPS program:

- (i) Employing best practices to retain more PEPS students on their respective campuses,
- (ii) Giving more UH students the opportunity to graduate in engineering or physical science programs at UH Mānoa,
- (iii) Aiding the transition of students from the Community Colleges to UH Manoa, and
- (iv) Specifically assisting Native Hawaiian and Part Native Hawaiian students the PEPS program.

Specifically PEPS will increase the ability of students in the Community Colleges to transition to upper division engineering and physical science programs at UH Manoa, by offering all core PEPS courses (mathematics, engineering and science courses) throughout the UH system on a routine and dependable basis, by distance learning executed by faculty throughout the UH System. PEPS will enhance the retention of PEPS students by offering many PEPS Mathematics courses in a set of Mathematics Emporia located throughout the UH System and gradually offering other PEPS core courses by the Emporium Model. These Mathematics Emporia will be serviced by the additional lecturers and faculty employed by this program, aided by supplemental student instructors. PEPS will augment the Emporia by offering on-line tutoring to PEPS students throughout the system, employing upper classmen and graduate students in engineering and the physical sciences as tutors. PEPS will assist the transition of students from the Community Colleges to UH Manoa through better and focused advising of PEPS students, specifically the requirements and pre-requisites for UH Manoa programs, and through bridge programs such as an annual competition for teams of PEPS students throughout the UH System and hosted at UH Manoa. The College of Engineering at UH Mānoa currently hosts a retention program for Native Hawaiian Students. The program is gradually spilling over to other STEM fields, and not only engineering. The College works with other UH campuses and especially Kapi'olani Community College (KCC) to recruit and retain engineering students. The request envisions that these programs will become integral to the PEPS program, and through the PEPS program funding will be able to greatly expand best practices already employed in these programs to enhance efforts to help Native Hawaiian and Part Native Hawaiian students participate in PEPS.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN

This request aligns with the following UH System Outcomes and associated Performance Measures as follows: a) Globally Competitive Workforce: UH degrees in STEM fields, Projected Annual Vacancies in Shortage Areas Statewide (Computing and IT); b) Native Hawaiian education Attainment: Degree Attainment of Native Hawaiians at UH; c) Hawai'i's Educational Capitol: UH degrees and Certificates of Achievement Earned

Arguments for Alignment

a) Alignment with the Performance Measure UH degrees in STEM fields is apparent. Within the College of Natural Sciences is the Department of Information and Computer Sciences that offers the Computer Science Degree.

b) The College of Engineering at UH Mānoa currently hosts a retention program for native Hawaiian Students with an enrollment of approximately 100. The program is gintended to migrate to other STEM fields. The College works with other UH campuses and especially Kapi'olani Community College (KCC) to recruit and retain engineering students.

c) The end goal of the Consortium/PEPS is to increase the number of UH degrees and associated certificates earned by UH System students. Many of the activities supported by this request are focused on supporting students that have greater difficulty with STEM field subjects; such as need for remediation in core STEM subjects. Further, the PEPS will also focus on recruiting and retaining students who are either low-income or come from underserved groups.

Performance Metrics

Performance metrics for this request are based on the UH Strategic Outcomes and associated Performance Measures. However, because of the more specialized nature of the PEPS program the performance metrics are somewhat more specialized.

- UH Degrees earned in STEM fields offered by participating units. (Increase of 50 after 5 years, 3% annual increase subsequently)
- UH Degrees earned by Native Hawaiians in STEM fields offered by participating units. (Increase of 10 after 2 years, 3% increase subsequently)
- Six year and three year graduation rates, as appropriate, in STEM fields offered by participating units. (Increase of 15% after 6 years and 3 years respectively, 3% annual increase subsequently)
- Six year and three year graduation rates, as appropriate, of Native Hawaiians, in STEM fields offered by participating units. (Increase of 20% after 6 years and 3 years respectively, 3% annual increase subsequently)
- Number of transfers from UH Community Colleges to four-year programs in a STEM field. (3% annual increase)
- Number of Native Hawaiian transfers from UH Community Colleges to four-year programs in a STEM field (3% annual increase)
- Pass rate of all courses taught and instructed by faculty and lecturers in the PEPS Program. (Increase of 20% after 4 years, 3% annual increase subsequently)
- Pass rate of Native Hawaiians in all courses taught and instructed by faculty and lecturers in the PEPS Program (Increase of 20% after 4 years, 3% annual increase subsequently)
- UH Degrees earned in the Computing/IT fields. (Increase of 10 after 4 years, 3% annual increase subsequently)
- UH Degrees earned by Native Hawaiians in the Computing/IT fields. (Increase of 4 after 4 years, 3% annual increase subsequently)

Aligning with State Goals

This request is specifically focused at advancing workforce development, though the increase of engineering graduates and associated physical science & computer/IT graduates systemwide. The state's capacity for growth and development depends on having a workforce that is more likely to stay in Hawai'i over the long term, that is directly tied to students graduating and finding jobs in Hawai'i. The state's infrastructure needs (renewable energy, roads, bridges, sewers, ocean defenses, disaster mitigation, water supply, mass transport, etc.) can only be met by engineers and technicians, and infrastructure is absolutely necessary for the state to grow and develop. A diversified economy is associated with technology companies and specifically in Hawai'i, technology that is also "Clean Technology." Engineering and Physical Sciences graduates provide the backbone for many of these clean technology companies, and even many of the technologies associated with the life and medical sciences that are now rapidly evolving because of the influx of engineering and physical sciences.

VI. ELECTRONIC DATA PROCESSING

All of these programs will have considerable equipment and software needs. Each campus will have considerable ongoing equipment and technical support needs. Provisions in the budget have been made for the purchase of computers, distance education computer equipment, and personnel to support the set up and maintenance of the computers and equipment.

VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES

VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)

IX. EXTERNAL CONFORMANCE REQUIREMENTS

X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)

XI. OTHER COMMENTS

FORM A

Date Prepared/Revised: 10/22/12

**FB 13-15 BUDGET
OPERATING BUDGET ADJUSTMENT REQUEST
UNIVERSITY OF HAWAII**

Program ID/Org. Code: UOH 900/JJ
Program Title: UH Systemwide Programs

Department Contact: Peter Quigley Phone: 956-3869
Laurel Johnston Phone: 956-7323

Department Priority _____

Request Category:

Fixed Cost/Entitlement _____

Health, Safety, Court Mandates _____

Trade-Off/Transfer (+)____ (-) _____

Add'l Resources for Current Prgms _____

New Day Objectives _____

Other __X__

I. TITLE OF REQUEST: Hawaii Innovation Initiative

Description of Request:

The two primary goals of the Hawaii Innovation Initiative are:

Contribute to the State's economy by providing a solid return on its investment through increasing extramural research grant awards within Hawai'i; and

Serve as the statewide leader of a collaborative research industry by leveraging the University's programs of academic prominence, such as ocean and earth sciences, astronomy, Asia and Pacific leadership, biomedical research, alternative energy and sustainable development.

II. OPERATING COST SUMMARY

	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
	FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services	6.00		1,375,000	20.00		4,480,000	4,480	4,480	4,480	4,480
B. Other Current Expenses			4,500,000			9,500,000	-	-	-	-
C. Equipment										
L. Current Lease Payments										
M. Motor Vehicles										
TOTAL REQUEST	6.00	0.00	5,875,000	20.00	0.00	13,980,000	4,480	4,480	4,480	4,480

By MOF:

A	6.00	5,875,000	20.00	13,980,000	4,480	4,480	4,480	4,480
B								
N								
P								
R								
S								
T								
U								
W								
X								

III. OPERATING COST DETAILS

	MOF	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
		FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services (List all positions)											
Research Faculty	A	6.00		1,375,000	18.00		4,300,000	4,300	4,300	4,300	4,300
Institutional Support	A				2.00		180,000	180	180	180	180
Other Personal Services											
Fringe Benefits											
Turnover Savings											
Subtotal Personal Service Costs		6.00	0.00	1,375,000	20.00	0.00	4,480,000	4,480	4,480	4,480	4,480
By MOF	A	6.00	0.00	1,375,000	20.00	0.00	4,480,000	4,480	4,480	4,480	4,480
	B	0.00	0.00	0	0.00	0.00	0	0	0	0	0
	N	0.00	0.00	0	0.00	0.00	0	0	0	0	0
B. Other Current Expenses (List by line item)											
Laboratory Startup Packages				4,500,000			9,500,000	0	0	0	0
Subtotal Other Current Expenses				4,500,000			9,500,000	0	0	0	0
By MOF	A			4,500,000			9,500,000	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
C. Equipment (List by line item)											
Subtotal Equipment				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
L. Current Lease Payments (Note each lease)											
Subtotal Current Lease Payments				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0

M. Motor Vehicles (List Vehicles)

Subtotal Motor Vehicles			0			0	0	0	0	0
By MOF		A	0			0	0	0	0	0
		B	0			0	0	0	0	0
		N	0			0	0	0	0	0
TOTAL REQUEST			6.00	0.00	5,875,000	20.00	0.00	13,980,000	4,480	4,480

IV. JUSTIFICATION OF REQUEST

The University of Hawai'i System, through its Innovation Council, is taking a leadership role by focusing on strategically intentional research growth as follows:

- Building clusters of selective excellence to support the development of a sustainable research community well into the 21st century;
- Identifying research strengths of other academic institutions and private corporations within the State that are capable of adding critical mass and partnering with UH research endeavors;
- Identifying infrastructure and core capability gaps that inhibit 21st century research capability; and
- Building streamlined processes and policies to expedite strategic partnerships and technology transfer pathways.

The University of Hawai'i System is committed to moving quickly towards commercialization. This requires a system-wide plan, a set of processes and actions connecting university community to business initiatives and opportunities, supported by a strong set of alliances throughout the State and the federal government. With improved infrastructure in place (POST Building, C-MORE Hale, Kakaako Health Sciences complex, Maui High Performance Computing Center, high-speed broadband connections with national and internal networks) and with nearly \$500 million dollars of extramural funding, UH can identify areas with the greatest potential for increased technology transfer and dual use opportunities. In addition, there is approximately \$160-170 million extramural (research and non-research) dollars per year being awarded to other Hawai'i-based higher education and private research entities.

In conjunction with identifying existing and potential areas of research excellence, the University of Hawai'i must also assess its talent pool and research infrastructure. Currently, the University System is developing formulas for growth, e.g. "X" researchers + "Y" square feet of infrastructure = yield "Z" return to the economy in additional jobs and revenue. We can begin by sharpening our proven research strengths in agricultural sciences, ocean and earth sciences, astronomy, Asia and Pacific leadership, biomedical research, alternative energy and sustainable development.

The University System will also consider the potential development of research focused on advanced informatics and cyber-infrastructure, which is an essential core capability for sustained excellence in disciplines such as digital media, creative industries, and expanded health sciences. At the same time, the University System will work toward accelerating technology transfer and commercialization efforts that align with emerging statewide initiatives to promote a broad and dynamic research industry within the university community and throughout the State.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN**VI. ELECTRONIC DATA PROCESSING****VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES****VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)****IX. EXTERNAL CONFORMANCE REQUIREMENTS****X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)****XI. OTHER COMMENTS**

III. OPERATING COST DETAILS

	MOF	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
		FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services (List all positions)											
Director of SLDS	A	1.00		100,000	1.00		100,000	100	100	100	100
Institutional Support	A	1.00		100,000	3.00		300,000	300	300	300	300
Other Personal Services											
Fringe Benefits											
Turnover Savings											
Subtotal Personal Service Costs		2.00	0.00	200,000	4.00	0.00	400,000	400	400	400	400
By MOF	A	2.00	0.00	200,000	4.00	0.00	400,000	400	400	400	400
	B	0.00	0.00	0	0.00	0.00	0	0	0	0	0
	N	0.00	0.00	0	0.00	0.00	0	0	0	0	0
B. Other Current Expenses (List by line item)											
Subtotal Other Current Expenses				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
C. Equipment (List by line item)											
Subtotal Equipment				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
L. Current Lease Payments (Note each lease)											
Subtotal Current Lease Payments				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
M. Motor Vehicles (List Vehicles)											
Subtotal Motor Vehicles				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
TOTAL REQUEST		2.00	0.00	200,000	4.00	0.00	400,000	400	400	400	400

IV. JUSTIFICATION OF REQUEST

With the appropriation of American Recovery and Reinvestment Act (ARRA) funds, the UH System gave specific assurances that we would establish a robust Statewide Longitudinal Data System to collect student data from P-20. While ARRA funds are no longer available, the statewide database that was created for the reporting requirements is still a necessary and invaluable tool for linking statewide educational programs. Further, longitudinal data systems inform good decision-making at all levels:

- Teachers and administrators are able to tailor instruction and programs to individual student needs.
- Policy makers are better informed with information based on student level data over time.
- Researchers can better evaluate impact of specific programs, approaches, and pedagogy on student achievement.

The University System's P-20 Initiative is committed to sustaining and enhancing our Statewide Longitudinal Data System. However, in order to ensure that the system is able to maintain current data and enhanced analysis, while also responding to increased requests for data, the SLDS is requesting general fund positions to support a more permanent SLDS.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN**VI. ELECTRONIC DATA PROCESSING****VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES****VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)****IX. EXTERNAL CONFORMANCE REQUIREMENTS****X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)****XI. OTHER COMMENTS**

Date Prepared/Revised: 10/22/12

**FB 13-15 BUDGET
OPERATING BUDGET ADJUSTMENT REQUEST
UNIVERSITY OF HAWAII**

III. OPERATING COST DETAILS

	MOF	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
		FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services (List all positions)											
Instructional Faculty & Student Support - Comm College System	A	12.00		800,000	12.00		800,000	800	800	800	800
Instructional Faculty and Student Support - Four-year campuses	A	18.00		1,000,000	18.00		1,000,000	1,000	1,000	1,000	1,000
Na Pua Noeau - K-12 college preparation for native Hawaiian students	A	12.00		700,000	12.00		700,000	700	700	700	700
Fringe Benefits											
Turnover Savings											
Subtotal Personal Service Costs		42.00	0.00	2,500,000	42.00	0.00	2,500,000	2,500	2,500	2,500	2,500
By MOF	A	42.00	0.00	2,500,000	42.00	0.00	2,500,000	2,500	2,500	2,500	2,500
	B	0.00	0.00	0	0.00	0.00	0	0	0	0	0
	N	0.00	0.00	0	0.00	0.00	0	0	0	0	0
B. Other Current Expenses (List by line item)											
Subtotal Other Current Expenses				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0
C. Equipment (List by line item)											
Subtotal Equipment				0			0	0	0	0	0
By MOF	A			0			0	0	0	0	0
	B			0			0	0	0	0	0
	N			0			0	0	0	0	0

**FB 13-15 BUDGET
OPERATING BUDGET ADJUSTMENT REQUEST
UNIVERSITY OF HAWAII**

L. Current Lease Payments (Note each lease)											
Subtotal Current Lease Payments		<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
By MOF	A	<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
	B	<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
	N	<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
M. Motor Vehicles (List Vehicles)											
Subtotal Motor Vehicles		<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
By MOF	A	<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
	B	<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
	N	<div>0</div>			<div>0</div>			<div>0</div>	<div>0</div>	<div>0</div>	<div>0</div>
TOTAL REQUEST		<div>42.00</div>	<div>0.00</div>	<div>2,500,000</div>	<div>42.00</div>	<div>0.00</div>	<div>2,500,000</div>	<div>2,500</div>	<div>2,500</div>	<div>2,500</div>	<div>2,500</div>

Date Prepared/Revised: 10/22/12

**FB 13-15 BUDGET
OPERATING BUDGET ADJUSTMENT REQUEST
UNIVERSITY OF HAWAII**

IV. JUSTIFICATION OF REQUEST

This request will implement Hawaii Papa O Ke Ao by achieving its three primary goals, as follows:

Goal 1: Leadership Development. This goal will be achieved by: preparing students of Native Hawaiian ancestry to assume leadership positions within the University System and the community; support existing Native Hawaiian faculty to assume leadership positions with the University System and the community; and ensure and Native Hawaiian values are practice at all levels of institutional decision-making.

Goal 2: Community Engagement. This goal will be achieved by: creating a Native Hawaiian sense of place on each campus; building community connections between all campuses that encourages collaboration on research and community issues; and supports building bridges and outreach from Native Hawaiian programs into vommunity-based initiatives.

Goal 3: Hawaiian Culture and Language Parity. This goal will be achieved by: creating vibrant Native Hawaiian language and culture programs of study at all campuses; translate application forms and degrees into Hawaiian language and use Hawaiian place names for buildings and rooms; provide remediation and tutoring in Native Hawaiian language and embed Native Hawaiian culture and language as a desirable qualification in hiring of University employees.

By institutionalizing Hawaii Papa O Ke Ao within the various university system campuses, the University of Hawaii will become a Model Indigenous Serving Institution - a home to Native Hawaiians and other underrepresented minority groups in Hawaii. One of the challenges faced by native Hawaiians is the perception that the University of Hawaii is not a friendly nor familiar place for them or their family. Through the recruitment and retention of Native Hawaiian faculty and student serving staff, Native Hawaiian students will be able to clearly see the success of Native Hawaiians within the University culture.

Na Pua Noeau. With full funding to sustain staffing for Na Pua Noeau (NPN), students will have a proven pathway into University System campuses and programs. NPN has several decades of success in providing outreach and campus-based activities that engage Native Hawaiian students and provide a pathway for them into degree programs. NPN has been focusing on engaging students interest and engagement in STEM-related programs to enhance employment opportunities for students upon graduation. Most current data collected on Native Hawaiian students who participte in NPN indicates that they are retained and graduate at a significantly higher rate that Native Hawaiian students who did not participate in NPN. During the 2012 legislative session, the legislature provided partial general funding for NPN program activities. This request reflects the balance of funds needed to fully fund the program so that it is institutionalized within the entire University System.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN**VI. ELECTRONIC DATA PROCESSING****VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES****VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)****IX. EXTERNAL CONFORMANCE REQUIREMENTS****X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)****XI. OTHER COMMENTS**

FORM A

Date Prepared/Revised: 10/22/12

**FB 13-15 BUDGET
OPERATING BUDGET ADJUSTMENT REQUEST
UNIVERSITY OF HAWAII**

Program ID/Org. Code: UOH 900/JJ
Program Title: UH Systemwide Programs

Department Contact: John Morton Phone: 956-7038
Laurel Johnston Phone: 956-7323

Department Priority _____

Request Category:

Fixed Cost/Entitlement _____

Health, Safety, Court Mandates _____

Trade-Off/Transfer (+) _____ (-) _____

Add'l Resources for Current Prgms __X__

New Day Objectives _____

Other _____

I. TITLE OF REQUEST: Outcome Based Funding

Description of Request:

The University of Hawai'i System seeks funding to implement an incentive and performance outcome funding component for our long-range financial plan that aligns the university with the economic needs of the State and the University's strategic plan - the Second Decade Project.

II. OPERATING COST SUMMARY

	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
	FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services			20,000,000			30,000,000	30,000	30,000	30,000	30,000
B. Other Current Expenses										
C. Equipment										
L. Current Lease Payments										
M. Motor Vehicles										
TOTAL REQUEST	0.00	0.00	20,000,000	0.00	0.00	30,000,000	30,000	30,000	30,000	30,000

By MOF:

A
B
N
P
R
S
T
U
W
X

20,000,000

30,000,000

30,000

30,000

30,000

30,000

III. OPERATING COST DETAILS

MOF	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
	FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
A. Personal Services (List all positions)										
Other Personal Services			20,000,000			30,000,000	30,000	30,000	30,000	30,000
Fringe Benefits										
Turnover Savings										
Subtotal Personal Service Costs	0.00	0.00	20,000,000	0.00	0.00	30,000,000	30,000	30,000	30,000	30,000
By MOF	A									
	B									
	N									
B. Other Current Expenses (List by line item)										
Subtotal Other Current Expenses			0			0	0	0	0	0
By MOF	A									
	B									
	N									
C. Equipment (List by line item)										
Subtotal Equipment			0			0	0	0	0	0
By MOF	A									
	B									
	N									
L. Current Lease Payments (Note each lease)										
Subtotal Current Lease Payments			0			0	0	0	0	0
By MOF	A									
	B									
	N									
M. Motor Vehicles (List Vehicles)										
Subtotal Motor Vehicles			0			0	0	0	0	0
By MOF	A									
	B									
	N									
TOTAL REQUEST			20,000,000			30,000,000	30,000	30,000	30,000	30,000

IV. JUSTIFICATION OF REQUEST

Act 188, 2008 Session Laws, requires the University of Hawaii to develop an incentive and performance outcome funding component for our long-range financial plan. This performance funding component aims to align the university with the economic needs of the state, with 2/3 of the funding pool used to reward achieving strategic outcomes and 1/3 to support increasing the enrollment of classified, resident undergraduates. To-date funds have not been provided to implement this initiative. The Community College System implemented a pilot project using ARRA funds, which are no longer available.

The proposed strategic outcome funding formula rewards programs on their performance during the prior fiscal year on the number of degrees/certificates, Pell recipients and transfers from 2-year campuses to 4-year campuses relative to the targets outlined in the UH System Strategic Outcomes and Performance Measures, 2008-2015 strategic plan. These strategic outcomes support the Hawaii Graduation Initiative as well as the President's initiative on workforce development. UH Manoa, UH Hilo, UH West Oahu and UH Community Colleges each have the opportunity to earn a predetermined amount from the strategic outcome funding pool. Performance measures will be weighted on their relative importance to the mission of each program. The actual amount earned by each program will be based on the weighted percentage of its targeted increase for all performance measures from the base year FY 2010.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN

a. What are the outcome measures that will be used to measure the success of this proposal?

<u>Strategic Outcome:</u>	<u>Performance Measure:</u>		<u>Baseline</u>	<u>Targets:</u>
Native Hawaiian Educational Attainment	Undergraduate	FY 2014	856	918
	Degrees/Certificates	FY 2015	918	983
Native Hawaiian Educational Attainment	Graduate	FY 2014	133	142
	Degrees/Certificates	FY 2015	142	152
Increasing Hawaii's Educational Capital	Systemwide	FY 2014	8,312	8,644
		FY 2015	8,644	8,990
	Pell Recipients	FY 2014	9,169	9,627
		FY 2015	9,627	10,108
	Transfers	FY 2014	1,423	1,493
		FY 2015	1,493	1,568
	STEM Undergrad	FY 2014	925	925
		FY 2015	953	953
	STEM Graduate	FY2014	369	380
		FY2015	380	391

b. Proposed consequence of not meeting the performance measures? Specifically, if measures are not met, what does program propose happens to this additional funding

Programs must meet or exceed all performance measure targets to earn 100% of their strategic outcome funds each year. The formula only rewards improvements in each measure from the baseline (FY 2010) against target, and any unearned amounts will lapse back to the state.

The formula ensures that a program's funding amount is not dependent on its performance relative to all other programs, and depends solely on its own performance measures. The formula also does not allow the success in one strategic outcome to subsidize another measure; each outcome will only be rewarded up to its weighted value.

VI. ELECTRONIC DATA PROCESSING

n/a

VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES

An increase in graduates will improve the quality and quantity of the state's workforce and provide other state programs with a stronger pool of potential employees.

VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)

n/a

IX. EXTERNAL CONFORMANCE REQUIREMENTS

n/a

X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)

n/a

XI. OTHER COMMENTS

III. OPERATING COST DETAILS**A. Personal Services (List all positions)****Student Affairs**

Mental Health Counseling & Develop. Spec., 11 mo. Faculty
 ADA Disability Specialist (APT B)

Institutional Support

CIO/IT Director (APT B)
 IT Security Manager (APT B)

Campus Services

Environmental Health & Safety Officer (APT B)
 UH Security Officer II (SR-16)
 UH Security Officer I (SR-14)
 Building & Grounds Custodian III
 Building & Grounds Custodian II
 Janitor II
 General Laborer III
 General Laborer I I (Grounds)
 General Laborer I (Grounds & Buildings)
 Building Maintenance Worker I

Fringe Benefits
 Turnover Savings

Subtotal Personal Service Costs

By MOF

B. Other Current Expenses (List by line item)

Subtotal Other Current Expenses

By MOF

C. Equipment (List by line item)

Subtotal Equipment

By MOF

MOF	FY 14 Request			FY 15 Request			FY 16	FY 17	FY 18	FY 19
	FTE (P)	FTE (T)	(\$)	FTE (P)	FTE (T)	(\$)	(\$ thous)	(\$ thous)	(\$ thous)	(\$ thous)
s F <										

L. Current Lease Payments (Note each lease)

Subtotal Current Lease Payments

By MOF

A
B
N

M. Motor Vehicles (List Vehicles)

Subtotal Motor Vehicles

By MOF

A
B
N

TOTAL REQUEST

			0			0	0	0	0	0
			0			0	0	0	0	0
			0			0	0	0	0	0
			0			0	0	0	0	0
			0			0	0	0	0	0
			0			0	0	0	0	0
			0			0	0	0	0	0
		22.00	0.00	984,060	22.00	0.00	984,060	985	985	985

IV. JUSTIFICATION OF REQUEST

The University of Hawaii West O'ahu (UHWO) opened its new Kapolei campus in Fall 2012 welcoming approximately 2,000 students, an increase in enrollment of approximately 20% from the previous year. The requested positions are critical to ensuring that the health and safety needs of the students, faculty, and staff on the Kapolei campus are met.

The Mental Health Counseling and Development Specialist will provide services to students to address emotional and mental disorders, such as depression, suicidal impulses, substance abuse, and stress which are common with students, especially in the low-income, high-risk categories. This position will also lead a campuswide Threat Assessment and Crisis Team to address threats to the safety of the UHWO students, faculty, staff, and community. The ADA Disability Specialist will ensure compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. This position will assess students' needs and provide reasonable accommodations for students with learning, physical, and emotional disabilities.

The CIO/IT Director and the IT Security Manager are charged with securing the safety of confidential information that is housed on the UHWO computer systems. These positions will develop, implement, and monitor policies, procedures, and initiatives to protect campus network security, website security, and the security of distance learning programs. Recent "hacking" activities highlights the importance of guarding against unauthorized access through a robust network security program.

The Environmental Health and Safety Officer will ensure that programs are in place to address fire safety, hazardous waste spills, safety inspections, and chemical use and monitoring. This position will provide the required oversight for campus health and safety programs to monitor and document compliance with local, state, and federal laws.

The Security officers are required to patrol the campus 24 hours a day, 7 days a week to ensure that students, faculty, staff, and the community are provided a safe and secure environment and experience while at the UHWO.

The first phase of the UHWO campus consists of 6 buildings totaling approximately 250,000 square feet. Phase I of the campus also encompasses 40 acres of improved land that requires regular maintenance. UHWO currently has 2 FTE janitors in permanent positions and no general laborers or groundskeepers. It is critical that the facilities, buildings, and grounds on the new campus are properly serviced, maintained, and repaired in order to provide a safe and healthy environment for students, faculty, and staff and to prolong the useful life of the campus facilities and grounds.

V. RELATIONSHIP OF THE REQUEST TO STATE PLAN OR FUNCTIONAL PLAN**VI. ELECTRONIC DATA PROCESSING****VII. IMPACT ON OTHER STATE PROGRAMS/AGENCIES****VIII. IMPACT ON FACILITY REQUIREMENTS (R&M, CIP)****IX. EXTERNAL CONFORMANCE REQUIREMENTS****X. REQUIRED LEGISLATION (Please specify appropriate statutes; i.e., HRS)****XI. OTHER COMMENTS**