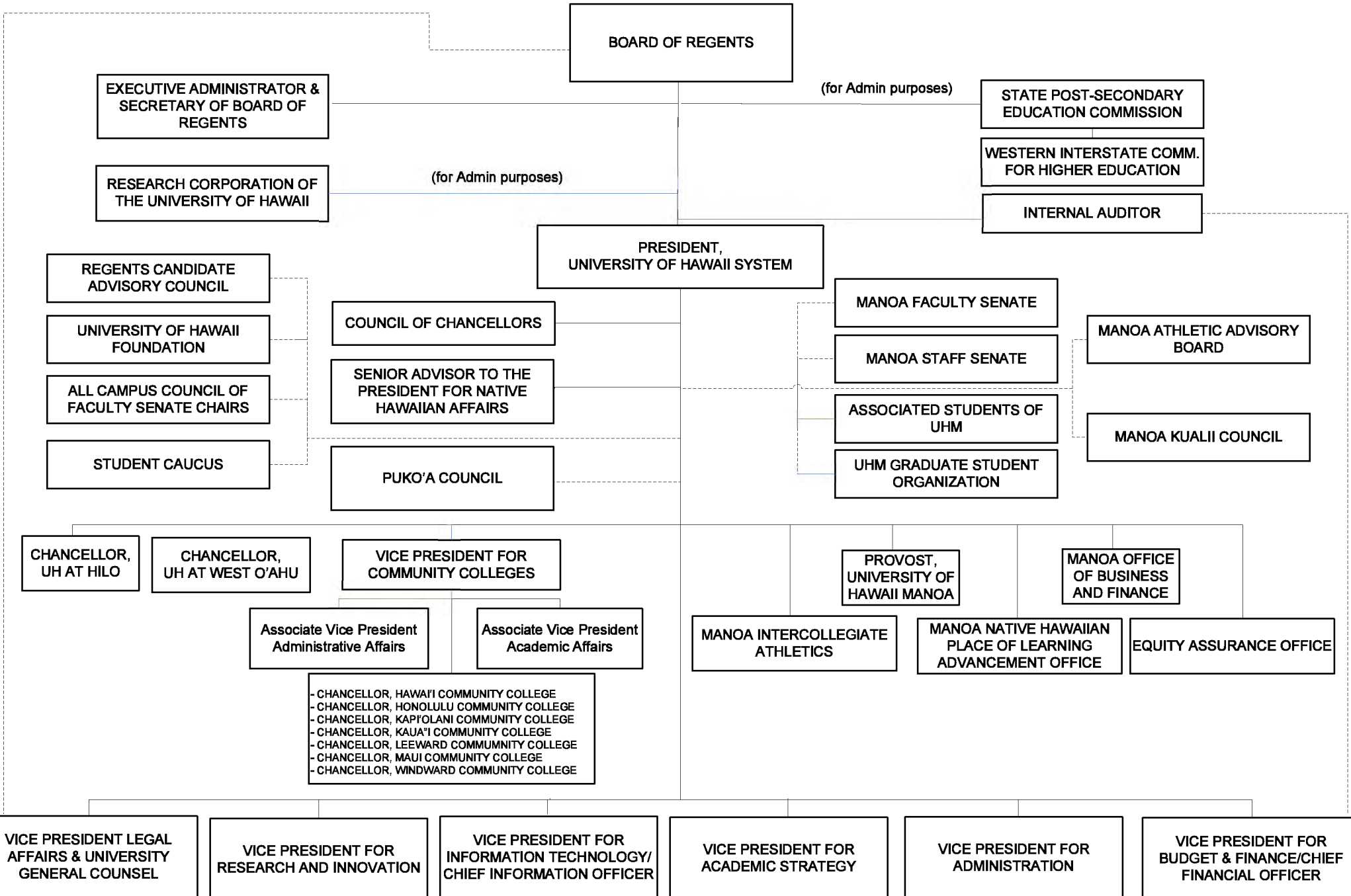




# **University of Hawaii**

**STATE OF HAWAII  
UNIVERSITY OF HAWAII  
ORGANIZATION CHART**



# UNIVERSITY OF HAWAII

## Department Summary

### ***Mission Statement***

To serve the public by creating, preserving, and transmitting knowledge in a multi-cultural environment.

### ***Department Goals***

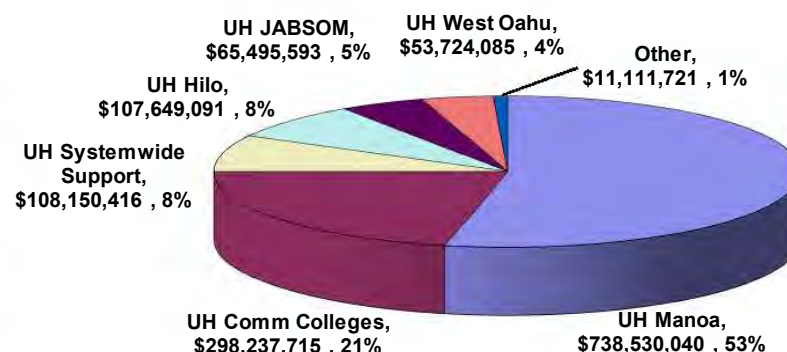
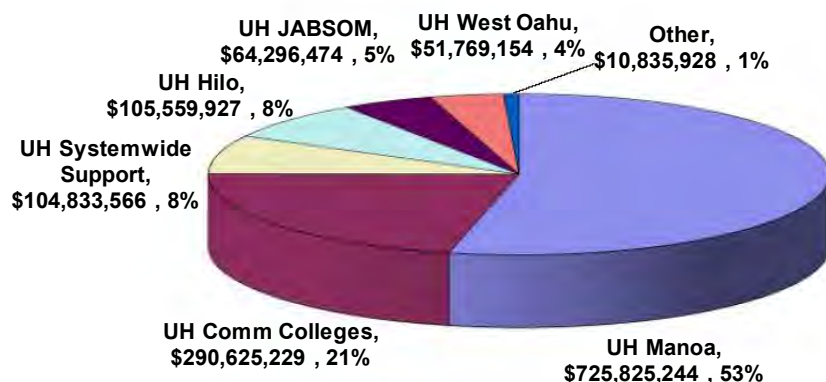
To achieve educational effectiveness and student success; provide a learning, research, and service network; be a model local, regional, and global university; maximize investment in faculty, staff, students, and their environment; and provide resources and stewardship.

### ***Significant Measures of Effectiveness***

1. Number of degrees and certificates of achievement earned
2. Extramural fund support (\$ millions)
3. Number of degrees in STEM fields

<u>FY 2024</u>	<u>FY 2025</u>
11,702	12,241
556.8	584.6
1,911	1,995

**FB 2023-2025 Operating Budget by Major Program Area**  
FY 2024 FY 2025



## UNIVERSITY OF HAWAII MAJOR FUNCTIONS

- Provides instruction, research, and public service in the fields of the liberal arts and sciences, agriculture, professional education, medicine, law, health sciences, business administration, engineering sciences and such other branches of higher learning as the Board of Regents prescribes.
- Administers and operates a system of community colleges; coordinates academic programs which include college transfer, general education, vocational, technical, semi-professional, and continuing education programs; coordinates community service programs with the various campuses, community agencies and groups; and coordinates student-related programs & services.
- Operates a summer session which gives variety and flexibility to the instructional programs of the University; provides college-level instruction to students who wish to obtain it during the summer; accommodates teaching institutes, workshops, and special courses with schedules of varying lengths; sponsors lecture series and other cultural events during the summer and supervises overseas study tours offered for credit.
- Provides key personnel in the government policy-making process with timely research, analyses and data concerning governmental and related problems to enable them to make informed decisions among alternative courses of action.
- Participates in intercollegiate athletics programs for men and women; contributes toward the availability of non-academic cultural, social, recreational, and intellectual programs made available to the students, faculty, and community at large; and provides a limited intercollegiate program for a variety of minor sports.

## MAJOR PROGRAM AREAS

The University of Hawaii has programs in the following major program areas:

### Formal Education

UOH 100	University of Hawai'i, Manoa
UOH 110	University of Hawai'i, John A. Burns School of Medicine
UOH 115	University of Hawai'i Cancer Center
UOH 210	University of Hawai'i, Hilo
UOH 220	Small Business Development
UOH 700	University of Hawai'i, West Oahu
UOH 800	University of Hawai'i, Community Colleges
UOH 900	University of Hawai'i, Systemwide Support

### Culture and Recreation

UOH 881	Aquaria
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**University of Hawaii**  
**(Operating Budget)**

		<b>Budget Base FY 2024</b>	<b>Budget Base FY 2025</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Funding Sources:</b>	Perm Positions	6,118.42	6,118.42	6,183.92	6,186.92
	Temp Positions	112.25	112.25	112.25	112.25
General Funds	\$	584,895,023	611,635,314	645,881,466	673,082,129
Special Funds	Perm Positions	468.25	468.25	468.25	468.25
	Temp Positions	2.00	2.00	2.00	2.00
	\$	559,873,231	561,692,115	559,873,231	561,692,115
Federal Funds	Perm Positions	81.56	81.56	81.56	81.56
	Temp Positions	4.00	4.00	4.00	4.00
	\$	13,642,735	13,642,735	13,642,735	13,642,735
Revolving Funds	Perm Positions	79.00	79.00	79.00	79.00
	Temp Positions	-	-	-	-
	\$	134,348,090	134,481,682	134,348,090	134,481,682
		6,747.23	6,747.23	6,812.73	6,815.73
		118.25	118.25	118.25	118.25
<b>Total Requirements</b>		<b>1,292,759,079</b>	<b>1,321,451,846</b>	<b>1,353,745,522</b>	<b>1,382,898,661</b>

**Major Adjustments in the Executive Budget Request:** (general funds unless noted)

1. Adds \$17,526,848 in FY 24 and FY 25 to restore funding reductions from Act 88, SLH 2021.
2. Adds \$10,000,000 in FY 24 and FY 25 to restore funding for unfunded positions.
3. Adds \$3,600,000 in FY 24 and FY 25 for athletic subsidies.
4. Adds \$745,500 in FY 24 and FY 25 to provide full-year funding for half-year funded positions authorized via Act 248, SLH 2022.
5. Adds 4.00 permanent positions and \$2,000,000 in FY 24 and FY 25 to fold in positions and funding authorized in Act 262, SLH 2022, which expanded medical residency and training opportunities.
6. Adds \$22,700,000 in FY 24 and FY 25 for the Hawaii Promise Program to provide additional scholarships at UH community colleges; and expand the program to include scholarship opportunities at UH's four-year institutions as well.
7. Adds 61.50 permanent positions and \$4,414,095 in FY 24 and 64.50 permanent positions and \$4,874,467 in FY 25 to strengthen various medical related programs and institutions across UH campuses and community colleges.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UNIVERSITY OF HAWAII

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	6,683.23*	6,747.23*	6,812.73*	6,815.73*	6,815.6*	6,815.6*	6,815.6*	6,815.6*
	108.25**	118.25**	118.25**	118.25**	118.2**	118.2**	118.2**	118.2**
PERSONAL SERVICES	646,516,744	799,552,691	837,542,423	866,695,562	866,695	866,695	866,695	866,695
OTHER CURRENT EXPENSES	285,706,096	463,727,659	492,429,297	492,429,297	492,429	492,429	492,429	492,429
EQUIPMENT	5,577,973	24,649,356	23,453,802	23,453,802	23,454	23,454	23,454	23,454
MOTOR VEHICLES		480,000	320,000	320,000	320	320	320	320
TOTAL OPERATING COST	937,800,813	1,288,409,706	1,353,745,522	1,382,898,661	1,382,898	1,382,898	1,382,898	1,382,898
BY MEANS OF FINANCING	6,054.42*	6,118.42*	6,183.92*	6,186.92*	6,186.8*	6,186.8*	6,186.8*	6,186.8*
	102.25**	112.25**	112.25**	112.25**	112.2**	112.2**	112.2**	112.2**
GENERAL FUND	498,135,249	582,533,240	645,881,466	673,082,129	673,082	673,082	673,082	673,082
	502.25*	468.25*	468.25*	468.25*	468.2*	468.2*	468.2*	468.2*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	364,127,619	558,056,319	559,873,231	561,692,115	561,692	561,692	561,692	561,692
	81.56*	81.56*	81.56*	81.56*	81.6*	81.6*	81.6*	81.6*
	4.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
FEDERAL FUNDS	8,161,803	13,642,735	13,642,735	13,642,735	13,643	13,643	13,643	13,643
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
A R P FUNDS	1,300,000							
	45.00*	79.00*	79.00*	79.00*	79.0*	79.0*	79.0*	79.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	66,076,142	134,177,412	134,348,090	134,481,682	134,481	134,481	134,481	134,481
CAPITAL IMPROVEMENT COSTS								
PLANS	1,283,000	1,432,000	1,516,000	1,268,000	851	500		
LAND ACQUISITION	3,708,000							
DESIGN	18,194,000	21,664,000	28,124,000	32,850,000	22,483	9,775	3,024	1,514
CONSTRUCTION	117,492,000	112,252,000	135,004,000	144,116,000	117,619	74,471	31,372	15,694
EQUIPMENT	197,000	192,000	194,000	78,000	129	129	2	2
TOTAL CAPITAL EXPENDITURES	140,874,000	135,540,000	164,838,000	178,312,000	141,082	84,875	34,398	17,210

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UNIVERSITY OF HAWAII

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
BY MEANS OF FINANCING								
GENERAL FUND			14,950,000	37,397,000	45,046	30,110	15,001	7,496
G.O. BONDS	128,381,000	125,290,000	139,288,000	137,881,000	96,036	54,765	19,397	9,714
REVENUE BONDS	12,493,000	10,250,000	10,600,000	3,034,000				
TOTAL PERM POSITIONS	6,683.23*	6,747.23*	6,812.73*	6,815.73*	6,815.6*	6,815.6*	6,815.6*	6,815.6*
TOTAL TEMP POSITIONS	108.25**	118.25**	118.25**	118.25**	118.2**	118.2**	118.2**	118.2**
TOTAL PROGRAM COST	1,078,674,813	1,423,949,706	1,518,583,522	1,561,210,661	1,523,980	1,467,773	1,417,296	1,400,108

**University of Hawaii**  
**(Capital Improvements Budget)**

	<u><b>FY 2024</b></u>	<u><b>FY 2025</b></u>
<b>Funding Sources:</b>		
General Fund	75,000,000	75,000,000
General Obligation Bonds	42,500,000	50,000,000
<b>Total Requirements</b>	<u>117,500,000</u>	<u>125,000,000</u>

**Highlights of the Executive CIP Budget Request:** (general obligation bonds unless noted)

1. Adds \$20,000,000 and \$30,000,000 in general funds in FY 24 and FY 25 for System, Renew, Improve, and Modernize Statewide.
2. Adds \$17,500,000 in FY 24 and \$26,500,000 in FY 25 for UH, Hilo, Renew, Improve, and Modernize, Hawaii.
3. Adds \$25,000,000 in general funds in FY 24 and FY 25 for CCS, Capital Renewal and Deferred Maintenance, Statewide.
4. Adds \$5,000,000 in FY 24 and \$3,500,000 in FY 25 for UH, West Oahu, Renew, Improve, and Modernize, Oahu.

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH  
UNIVERSITY OF HAWAII

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
12 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE		BUDGET PERIOD								SUCCEED
		COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	YEARS
		PLANS	43,886	38,724	2,306	1,750	503	603					
		LAND ACQUISITION	26,484	26,484									
		DESIGN	499,669	388,767	64,388	15,850	25,377	5,287					
		CONSTRUCTION	4,022,043	3,528,438	138,536	144,600	91,614	118,855					
		EQUIPMENT	81,098	80,830	7		6	255					
		TOTAL	4,673,180	4,063,243	205,237	162,200	117,500	125,000					
		GENERAL FUND	205,450	55,450			75,000	75,000					
		SPECIAL FUND	156,355	156,355									
		G.O. BONDS	3,438,824	2,983,074	202,850	160,400	42,500	50,000					
		G.O. BONDS REIMBURSABLE	4,000	4,000									
		REVENUE BONDS	706,941	702,754	2,387	1,800							
		FEDERAL FUNDS	123,010	123,010									
		PRIVATE CONTRIBUTIONS	20,850	20,850									
		COUNTY FUNDS	400	400									
		REVOLVING FUND	17,350	17,350									



## **Operating Budget Details**

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO: 07  
PROGRAM TITLE: FORMAL EDUCATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	6,667.23*	6,731.23*	6,796.73*	6,799.73*	6,799.6*	6,799.6*	6,799.6*	6,799.6*
	108.25**	118.25**	118.25**	118.25**	118.2**	118.2**	118.2**	118.2**
PERSONAL SERVICES	645,450,074	796,412,661	834,363,223	863,477,485	863,477	863,477	863,477	863,477
OTHER CURRENT EXPENSES	284,766,467	461,641,241	490,342,879	490,342,879	490,343	490,343	490,343	490,343
EQUIPMENT	5,577,973	24,524,356	23,328,802	23,328,802	23,329	23,329	23,329	23,329
MOTOR VEHICLES		480,000	320,000	320,000	320	320	320	320
TOTAL OPERATING COST	935,794,514	1,283,058,258	1,348,354,904	1,377,469,166	1,377,469	1,377,469	1,377,469	1,377,469
BY MEANS OF FINANCING								
	6,045.42*	6,109.42*	6,174.92*	6,177.92*	6,177.8*	6,177.8*	6,177.8*	6,177.8*
	102.25**	112.25**	112.25**	112.25**	112.2**	112.2**	112.2**	112.2**
GENERAL FUND	497,463,500	581,695,432	645,004,488	672,166,274	672,166	672,166	672,166	672,166
	495.25*	461.25*	461.25*	461.25*	461.2*	461.2*	461.2*	461.2*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	363,400,146	554,539,178	556,356,090	558,174,974	558,175	558,175	558,175	558,175
	81.56*	81.56*	81.56*	81.56*	81.6*	81.6*	81.6*	81.6*
	4.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
FEDERAL FUNDS	8,161,803	13,642,735	13,642,735	13,642,735	13,643	13,643	13,643	13,643
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
A R P FUNDS	1,300,000							
	45.00*	79.00*	79.00*	79.00*	79.0*	79.0*	79.0*	79.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	65,469,065	133,180,913	133,351,591	133,485,183	133,485	133,485	133,485	133,485
CAPITAL IMPROVEMENT COSTS								
PLANS	1,247,000	1,396,000	1,480,000	1,253,000	851	500		
LAND ACQUISITION	3,708,000							
DESIGN	18,122,000	21,592,000	28,052,000	32,820,000	22,483	9,775	3,024	1,514
CONSTRUCTION	117,444,000	112,204,000	134,956,000	144,110,000	117,619	74,471	31,372	15,694
EQUIPMENT	197,000	192,000	194,000	78,000	129	129	2	2
TOTAL CAPITAL EXPENDITURES	140,718,000	135,384,000	164,682,000	178,261,000	141,082	84,875	34,398	17,210

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO: **07**  
PROGRAM TITLE: **FORMAL EDUCATION**

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
BY MEANS OF FINANCING								
GENERAL FUND			14,950,000	37,397,000	45,046	30,110	15,001	7,496
G.O. BONDS	128,225,000	125,134,000	139,132,000	137,830,000	96,036	54,765	19,397	9,714
REVENUE BONDS	12,493,000	10,250,000	10,600,000	3,034,000				
TOTAL PERM POSITIONS	6,667.23*	6,731.23*	6,796.73*	6,799.73*	6,799.6*	6,799.6*	6,799.6*	6,799.6*
TOTAL TEMP POSITIONS	108.25**	118.25**	118.25**	118.25**	118.2**	118.2**	118.2**	118.2**
TOTAL PROGRAM COST	1,076,512,514	1,418,442,258	1,513,036,904	1,555,730,166	1,518,551	1,462,344	1,411,867	1,394,679



# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO: **0703**  
PROGRAM TITLE: **HIGHER EDUCATION**

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	6,667.23*	6,731.23*	6,796.73*	6,799.73*	6,799.6*	6,799.6*	6,799.6*	6,799.6*
	108.25**	118.25**	118.25**	118.25**	118.2**	118.2**	118.2**	118.2**
PERSONAL SERVICES	645,450,074	796,412,661	834,363,223	863,477,485	863,477	863,477	863,477	863,477
OTHER CURRENT EXPENSES	284,766,467	461,641,241	490,342,879	490,342,879	490,343	490,343	490,343	490,343
EQUIPMENT	5,577,973	24,524,356	23,328,802	23,328,802	23,329	23,329	23,329	23,329
MOTOR VEHICLES		480,000	320,000	320,000	320	320	320	320
TOTAL OPERATING COST	935,794,514	1,283,058,258	1,348,354,904	1,377,469,166	1,377,469	1,377,469	1,377,469	1,377,469
BY MEANS OF FINANCING								
	6,045.42*	6,109.42*	6,174.92*	6,177.92*	6,177.8*	6,177.8*	6,177.8*	6,177.8*
	102.25**	112.25**	112.25**	112.25**	112.2**	112.2**	112.2**	112.2**
GENERAL FUND	497,463,500	581,695,432	645,004,488	672,166,274	672,166	672,166	672,166	672,166
	495.25*	461.25*	461.25*	461.25*	461.2*	461.2*	461.2*	461.2*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	363,400,146	554,539,178	556,356,090	558,174,974	558,175	558,175	558,175	558,175
	81.56*	81.56*	81.56*	81.56*	81.6*	81.6*	81.6*	81.6*
	4.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
FEDERAL FUNDS	8,161,803	13,642,735	13,642,735	13,642,735	13,643	13,643	13,643	13,643
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
A R P FUNDS	1,300,000							
	45.00*	79.00*	79.00*	79.00*	79.0*	79.0*	79.0*	79.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	65,469,065	133,180,913	133,351,591	133,485,183	133,485	133,485	133,485	133,485
CAPITAL IMPROVEMENT COSTS								
PLANS	1,247,000	1,396,000	1,480,000	1,253,000	851	500		
LAND ACQUISITION	3,708,000							
DESIGN	18,122,000	21,592,000	28,052,000	32,820,000	22,483	9,775	3,024	1,514
CONSTRUCTION	117,444,000	112,204,000	134,956,000	144,110,000	117,619	74,471	31,372	15,694
EQUIPMENT	197,000	192,000	194,000	78,000	129	129	2	2
TOTAL CAPITAL EXPENDITURES	140,718,000	135,384,000	164,682,000	178,261,000	141,082	84,875	34,398	17,210

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO: **0703**  
PROGRAM TITLE: **HIGHER EDUCATION**

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
BY MEANS OF FINANCING								
GENERAL FUND			14,950,000	37,397,000	45,046	30,110	15,001	7,496
G.O. BONDS	128,225,000	125,134,000	139,132,000	137,830,000	96,036	54,765	19,397	9,714
REVENUE BONDS	12,493,000	10,250,000	10,600,000	3,034,000				
TOTAL PERM POSITIONS	6,667.23*	6,731.23*	6,796.73*	6,799.73*	6,799.6*	6,799.6*	6,799.6*	6,799.6*
TOTAL TEMP POSITIONS	108.25**	118.25**	118.25**	118.25**	118.2**	118.2**	118.2**	118.2**
TOTAL PROGRAM COST	1,076,512,514	1,418,442,258	1,513,036,904	1,555,730,166	1,518,551	1,462,344	1,411,867	1,394,679

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH100  
 PROGRAM STRUCTURE NO: 070301  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, MANOA

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	3,425.45*	3,432.45*	3,422.95*	3,425.95*	3,425.9*	3,425.9*	3,425.9*	3,425.9*
	44.25**	44.25**	44.25**	44.25**	44.2**	44.2**	44.2**	44.2**
PERSONAL SERVICES	349,229,950	402,439,050	423,109,047	435,813,843	435,814	435,814	435,814	435,814
OTHER CURRENT EXPENSES	163,561,387	274,159,556	286,459,556	286,459,556	286,460	286,460	286,460	286,460
EQUIPMENT	2,916,602	16,516,641	15,936,641	15,936,641	15,937	15,937	15,937	15,937
MOTOR VEHICLES		320,000	320,000	320,000	320	320	320	320
TOTAL OPERATING COST	515,707,939	693,435,247	725,825,244	738,530,040	738,531	738,531	738,531	738,531
BY MEANS OF FINANCING								
	2,943.14*	2,950.14*	2,940.64*	2,943.64*	2,943.6*	2,943.6*	2,943.6*	2,943.6*
	42.25**	42.25**	42.25**	42.25**	42.2**	42.2**	42.2**	42.2**
GENERAL FUND	218,689,825	259,706,850	291,977,664	304,586,089	304,586	304,586	304,586	304,586
	377.25*	377.25*	377.25*	377.25*	377.2*	377.2*	377.2*	377.2*
	2.00**	2.00**	2.00**	2.00**	2.0**	2.0**	2.0**	2.0**
SPECIAL FUND	263,123,484	361,506,629	361,506,629	361,506,629	361,507	361,507	361,507	361,507
	77.06*	77.06*	77.06*	77.06*	77.1*	77.1*	77.1*	77.1*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	4,521,403	6,873,565	6,873,565	6,873,565	6,874	6,874	6,874	6,874
	28.00*	28.00*	28.00*	28.00*	28.0*	28.0*	28.0*	28.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	29,373,227	65,348,203	65,467,386	65,563,757	65,564	65,564	65,564	65,564
CAPITAL IMPROVEMENT COSTS								
PLANS	349,000	310,000	293,000					
DESIGN	869,000	2,448,000	2,378,000	2,000,000	1,457			
CONSTRUCTION	30,425,000	22,688,000	31,975,000	27,032,000	20,471			
EQUIPMENT	2,000		1,000	3,000				
TOTAL CAPITAL EXPENDITURES	31,645,000	25,446,000	34,647,000	29,035,000	21,928			
BY MEANS OF FINANCING								
G.O. BONDS	22,860,000	16,662,000	25,864,000	26,905,000	21,928			
REVENUE BONDS	8,785,000	8,784,000	8,783,000	2,130,000				
TOTAL PERM POSITIONS	3,425.45*	3,432.45*	3,422.95*	3,425.95*	3,425.9*	3,425.9*	3,425.9*	3,425.9*
TOTAL TEMP POSITIONS	44.25**	44.25**	44.25**	44.25**	44.2**	44.2**	44.2**	44.2**
TOTAL PROGRAM COST	547,352,939	718,881,247	760,472,244	767,565,040	760,459	738,531	738,531	738,531

PROGRAM ID: UOH100  
 PROGRAM STRUCTURE: 070301  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, MANOA

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. DEGREE ATTAINMENT OF NATIVE HAWAIIANS	682	709	738	767	798	830	863	897
2. NO. DEGREES & CERTIFICATES OF ACHIEVEMENT EARNED	4578	4761	4952	5150	5356	5570	5793	6024
3. NO. OF PELL GRANT RECIPIENTS	3762	3762	3762	3762	3762	3762	3762	3762
4. EXTRAMURAL FUND SUPPORT (\$ MILLIONS)	366.0	384.3	403.5	423.7	444.9	467.1	490.5	515.0
5. NO. OF DEGREES IN STEM FIELDS	1045	1087	1130	1175	1223	1271	1322	1375
6. NO. TRANSFERS FROM UH 2 YR CAMPUSES	1091	1146	1203	1263	1326	1392	1462	1535
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION	1442	1454	1465	1477	1489	1501	1513	1525
2. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18-24	1722	1791	1863	1937	2014	2095	2179	2266
3. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18+	2262	2352	2447	2544	2626	2752	2862	2977
<b>PROGRAM ACTIVITIES</b>								
1. UNDERGRAD HEADCOUNT ENROLLMENT	14094	14376	14663	14957	15256	15561	15872	16190
2. GRAD HEADCOUNT ENROLLMENT	4552	4734	4923	5120	5325	5538	5760	5990
3. NO. OF CLINICAL TRIALS ACCRUALS	821	821	821	821	821	821	821	821
4. NO. OF STUDENT SEMESTER HOURS	216706	230386	231529	234653	237445	240457	238913	238913
5. NO. OF PEER-REVIEWED GRANTS FUNDED	105	105	105	105	105	105	105	105
6. NO. OF CLASSES	3300	3333	3333	3333	3333	3333	3333	3333
7. NO. OF APPLICATIONS FOR ADMISSION	31227	31539	31539	31539	31539	31539	31539	31539
8. NO. OF FINANCIAL AID APPLICATIONS PROCESSED	34460	35838	35838	35838	35838	35838	35838	35838
9. NO. BACCALAUREATE DEGREES GRANTED	3295	3427	3564	3706	3855	4009	4169	4336
10. NO. OF GRAD & PROFESSIONAL DEGREES GRANTED	1213	1262	1312	1364	1419	1476	1535	1596
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
TAXES	12,763	12,266	11,863	11,477	11,106	10,750	10,408	10,079
REVENUES FROM THE USE OF MONEY AND PROPERTY	5,473	5,712	5,975	6,067	6,068	6,068	6,068	6,068
REVENUE FROM OTHER AGENCIES: FEDERAL	4,956	4,956	4,956	4,956	4,956	4,956	4,956	4,956
CHARGES FOR CURRENT SERVICES	300,727	307,355	310,201	311,576	313,228	315,047	315,999	317,212
FINES, FORFEITS AND PENALTIES	364	250	250	250	250	250	250	250
NON-REVENUE RECEIPTS	13,488	15,251	15,634	15,634	15,635	15,635	15,635	15,635
TOTAL PROGRAM REVENUES	337,771	345,790	348,879	349,960	351,243	352,706	353,316	354,200
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
SPECIAL FUNDS	325,447	329,571	332,143	333,172	334,454	335,917	336,527	337,411
ALL OTHER FUNDS	12,324	16,219	16,736	16,788	16,789	16,789	16,789	16,789
TOTAL PROGRAM REVENUES	337,771	345,790	348,879	349,960	351,243	352,706	353,316	354,200

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

UOH100: UNIVERSITY OF HAWAII, MANOA

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### **A. Statement of Program Objectives**

A research university of international standing, the University of Hawaii at Manoa (UHM) is the flagship of the University of Hawaii system, the State's sole public university system governed by an 11-member Board of Regents. A land-grant, sea-grant, space-grant, and sun-grant institution, Manoa creates, refines, disseminates, and perpetuates human knowledge; offers a comprehensive array of undergraduate, graduate, and professional degrees through the doctoral level; carries out advanced research; and performs essential services in the community.

Located in Manoa valley on the island of Oahu, our university was founded in 1907 under the auspices of the Morrill Act as a land-grant college of agriculture and mechanic arts. With the addition of a College of Arts and Sciences in 1920, the college became the University of Hawaii, and in 1972, it became UHM to distinguish it from the other units in the growing University of Hawaii system.

Today more than 19,000 students are enrolled in Manoa courses, on campus or via distance delivery. Classified as a Carnegie Doctoral University-Highest Research Activity institution, Manoa offers 100 bachelor's degrees, 89 master's degrees, and 52 research doctorates as of Fall 2022. The university offers professional degrees in business, law, medicine, and architecture. Approximately 75% of Manoa students are undergraduates, 28% are of Asian ancestry and 16% are of Native Hawaiian or Pacific Islander ancestry, and 59% are women.

The University of Hawaii was first accredited by the Western College Association in 1952. The Manoa campus is currently accredited by the Senior Colleges and University Commission of the Western Association of Schools and Colleges. Sixty-nine degree programs are also accredited by appropriate professional agencies.

The State of Hawaii's Program structure document lists the objectives of UHM as follows:

- \* To aid eligible individuals to achieve higher levels of intellectual, personal, social and educational competency by providing occupational, general academic, and professional training.
- \* To create new basic knowledge, develop solutions for technical and social problems, improve the quality of the faculty, contribute to the quality of undergraduate and graduate instruction programs, and strengthen the State's high-technology economic base by undertaking sponsored basic and applied research projects.
- \* To improve the quality of life and provide direct assistance to individuals, special interest groups, individual communities, and the general public by making available a variety of instructional, cultural, recreational, vocational, problem-solving, and general informational services in which the institution has special competence.
- \* To assist and facilitate in a directly supportive way the academic functions of the institutions.
- \* To support, enrich, and broaden the student's life while enrolled at the institution by making available a variety of services and activities which supplement the primary academic programs; by streamlining services; by developing civic, social, and career values; and by enhancing student learning and curriculum infusion.
- \* To facilitate the operation of the institution as an organization by providing campus-wide executive management, fiscal, logistical and other related supporting services.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, the following requests are being submitted:

- 1) Add \$5,600,000 in general funds to offset program review reductions made in Act 88, SLH 2021, as amended by Act 248, SLH 2022; 2) Transfer out 37.00 permanent position counts to UOH115, Cancer Research Center; 3) Transfer in 5.00 Informational Technology and Cybersecurity positions from UOH900; 4) Transfer in 1.00 positions from UOH900 for the Na Pua Noeua Program; 5) Add \$6,073,157 in general funds in both FY 24 and FY 25 to restore funding for unfunded positions; 6) Add \$3,200,00 in general funds in both FY 24 and FY 25 to continue athletic subsidy amounts; 7) Add \$12,300,000 in general funds in both FY 24 and FY 25 to expand the Hawaii Promise Scholarship Program; 8) Add 6.00 permanent positions and \$477,009 in general funds in FY 24 and \$688,473 in FY 25 to establish a Health Science Initiative in UHM; 9) Add

## Program Plan Narrative

UOH100: UNIVERSITY OF HAWAII, MANOA

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10.00 permanent positions and \$503,000 in general funds in both FY 24 and FY 25 for a UH West Oahu and UHM Nursing Program collaboration; and 10) Add 5.50 positions and \$661,430 in general funds in both FY 24 and FY 25 for the Nancy Atmospera-Walch School of Nursing at UHM.

### C. Description of Activities Performed

Manoa is a premier research institution whose scholars are leaders in their disciplines and whose students are prepared for leadership roles in our society. Manoa serves the State by striving for excellence in its three missions: teaching, research, and public service.

The top priority of the University of Hawaii at Manoa during the COVID-19 pandemic was ensuring the health and safety of students, faculty, and staff while fulfilling the university's commitment to provide the best possible learning, teaching, and research experience for the campus community. Additionally, medical expertise at Manoa informed decision making at the State and local level and helped to protect our most vulnerable island populations through community outreach and research. As restrictions have significantly eased since the height of the pandemic, UHM's goal is to make the campus environment and activities as healthy and vibrant as possible while responding proactively to conditions as they evolve. Manoa aims to deliver a current, flexible, diverse and multicultural curriculum and co-curriculum, and to provide enriching applied educational experiences for its students.

As a research university, Manoa's emphasis is on research as well as undergraduate and graduate instruction. As a return on the State's investment, research at UHM brought in over \$1.6 billion in extramural grants and contracts over the last five years (FYs 2018-2022). Manoa's joint focus on research and instruction distinguishes it from the other campuses of the University of Hawaii system and makes it a productive economic engine for the State of Hawaii.

The Manoa campus community also provides support for the State through public service. Our faculty provide research on problems that confront Hawaii, serve and assist the State government, and lend their expertise for the public good. The campus provides new workers in critical areas for the State economy.

### D. Statement of Key Policies Pursued

Manoa's primary objectives are to provide excellent instruction, innovative research, and supportive service to the State of Hawaii. We have formulated the core commitments of our 2015-2025 Strategic Plan to direct and ensure progress on these core missions.

#### Research

With annual extramural grants and contracts exceeding \$300 million and growing each year (\$366 million in FY 22), Manoa is committed to sustaining and expanding its research portfolio. Our location facilitates advances in marine biology, oceanography, ocean engineering, astronomy, geology and geophysics, agriculture, aquaculture, tropical medicine, alternative energy, international business and sustainable tourism, and Asian and Pacific Studies, among others. New strategic initiatives include the Institute for Sustainability and Resilience (<https://Manoa.hawaii.edu/isr>), the Data Sciences Institute (<https://datascience.hawaii.edu>), and environmental microbiome research and education (<http://www.pbrc.hawaii.edu/index.php/research/microbiome-research-main-menu>). Our heritage, our people, and close ties to the Asian and Pacific region create a favorable environment for study and research in the arts, population sciences, intercultural relations, social justice, linguistics, religion, and philosophy.

#### Educational Effectiveness

Manoa offers 100 undergraduate degrees, 89 master's degrees, and 52 doctorates, including law, medicine, and architecture. It carries out advanced research, and it performs essential services in the community. Its diverse students, currently numbering over 19,000, have special opportunities for Asian, Pacific, and Hawaiian educational experiences and involvement in research, service learning, and co-curricular activities.

#### Social Justice

We strive to develop the Manoa campus into a Hawaiian place of learning open to world culture, informed by principles of sustainability and respect for indigenous knowledge and practices. We work to create a compassionate and courageous community of leaders in which everyone

## Program Plan Narrative

**UOH100: UNIVERSITY OF HAWAII, MANOA**

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understands and embraces their kuleana - their rights, responsibilities and privileges - to care for one another and for our natural environments.

### Place

Manoa is a globally-connected Hawaiian place of learning. We are committed to creating a campus with modern facilities that foster learning and research and that reflect a Hawaiian sense of place through improved landscaping, architectural design, signage, and the creation of gathering spaces.

### Economic Development

We nurture efforts in education, research, innovation, and entrepreneurship in order to develop a more diverse economy.

### Culture, Society and the Arts

Uniquely situated between the East and the West, Manoa presents a rich array of cultural programs for education and entertainment, particularly in the Hawaiian, Asian, and Pacific cultures. Our rich campus life is enhanced by artistic and cultural expressions in academic scholarship as well as creative performances and exhibitions.

### Technology

Manoa strives to be both an innovator and a conduit for new technologies and their applications in society and to effectively employ the most up-to-date information and communication technology to enhance instructional activities, on campus and globally.

### **E. Identification of Important Program Relationships**

Significant program relationships are as follows:

1. Other campuses of the University of Hawaii system, particularly through articulation with community colleges critical for the transfer of students to Manoa and the integration of student information systems, as well as policies and procedures regarding students.

2. The State Executive and Legislature, through providing technical

expertise in areas of specialization among our faculty.

3. Various State agencies such as the Department of Education and the College of Education; the Department of Agriculture and the College of Tropical Agriculture and Human Resources; the Department of Health and the public health programs, Nursing and Medicine; the Department of Human Services and the School of Social Work; the Departments of Transportation and Accounting and General Services and the College of Engineering; the Departments of Commerce and Consumer Affairs and Business, Economic Development and Tourism and the Public Utilities Commission and the College of Social Sciences, the Shidler College of Business, and the Hawaii Natural Energy Institute.

4. The private sector and institutions such as hospitals, businesses, social welfare agencies, and travel industry establishments.

5. Many federal granting agencies, especially the National Institutes of Health, National Science Foundation, National Endowment for the Humanities, the Departments of Agriculture, Commerce, Education, Energy, Defense, Health and Human Services, and Interior (USGS); the National Park Service; the National Aeronautics and Space Administration; the National Oceanic and Atmospheric Administration; Sea Grant College Program; the Office of Naval Research and the Agency for International Development.

6. County governments interested in research to develop economic activity on their islands or to solve problems in their communities.

7. Various community service agencies or organizations that work together with the university to find solutions to problems of mutual concern.

8. Other external libraries (including the Library of Congress) and university presses throughout the United States and the Asian Pacific area with whom book exchanges are transacted.

9. East-West Center, whose grantees are provided graduate education, health, and counseling services.

10. Federal and State agencies enforcing health and safety, equal access

## Program Plan Narrative

UOH100: UNIVERSITY OF HAWAII, MANOA

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and employment, and financial aid regulations.

### **F. Description of Major External Trends Affecting the Program**

1. The global pandemic presents a challenge to student recruitment, although the university experienced an increase in enrollment in the Fall 2021 semester that has been sustained through Fall 2022. The pandemic has also provided new and significant research, service, educational, and co-curricular opportunities for our faculty and students.

2. Technological and scientific advances which require that changes be made in the curriculum in order to provide up-to-date educational experiences and state-of-the-art training.

3. Changes in emphases and decline in availability of federal funds for support of training programs and fellowships.

4. Conditions of the local, national, and international job markets.

5. Extramural funding for research and training at Manoa reached \$361 million in FY 11 with federal stimulus funding supplements and has remained over \$300 million in the ensuing years. We have seen significant growth the last five years and recently surpassed the FY 11 record with \$366 million in FY 22 funding. Manoa's focus on areas of special advantage and special relevance to Hawaii and the nation has been a major contributor to this increase.

6. Increasing demand for distance learning, continuing education, professional and occupational training and re-training, leisure time activities, and personal and cultural enrichment as greater numbers of our citizens seek more educational opportunities.

7. Changing student demographics and federal requirements that may necessitate new or modified student service offerings.

8. The overall economy of the State which impacts the budget allocations made to Manoa.

9. A call from local business organizations and State agencies for Manoa's participation and leadership in developing new science and technology-based industries to promote economic development.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

The measures of effectiveness for higher education programs are difficult to identify, let alone quantify. Many institutions have used degrees granted, number of majors enrolled, and student credit hours as output indicators. Others have attempted to gauge program effectiveness in terms of economic values by measuring the income earning capacity of college-degree holders. Others have tried to use the concept of "value added," which would involve measuring aspects of the student's knowledge and skills upon college entry and again upon graduation. But no one has fully defined what precisely should be measured or how it could be measured. Even if it were possible, the "value added" evaluation could not be attributed entirely to the student's experience in college.

Another problem is that no single program in higher education produces a unique output. A graduate is a product of many different academic departments and profits from many different programs within the institution. How to measure directly and precisely the effectiveness of each program's output, therefore, is beyond the state-of-the-art of program evaluation today.

As a substitute, therefore, various proxies and indices have been used as rough indicators. Course completion and credits earned ratios and proportion of graduates successful in securing graduate school placements are some of these indices; however, they must be supplemented by other types of program evaluation, such as accreditation reviews, which take into account quality as well as quantity.

Program size, or level of activities, can be measured in terms of enrollment, student semester hours, and number of courses and classes. Projected levels of program activity are based on the assumption that there will be no drastic changes in the basic structure of the curriculum.

By its very nature, the value of basic research often cannot be quantified or judged at the time of discovery. Applied research, if designed to develop specific hardware or to solve a concrete problem, is more easily judged, but even here, its true value cannot be directly measured.

Attempts have been made to find yardsticks which may shed light on the



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**UOH100: UNIVERSITY OF HAWAII, MANOA**

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productivity of research activities. Statistics such as the number and dollar value of extramural grants have been used. Manoa's best research units have been able to obtain \$5 of federal funding for every State dollar.

Criteria which will determine the effectiveness of our research programs include:

- \* The social, intellectual, and physical enrichment and improvement provided by the research to society generally, with special emphasis on State concerns.
- \* The continued academic improvement of students and staff.
- \* The availability of higher quality libraries, instruments, and other research facilities.
- \* The increased dissemination of knowledge through publications, invited participation in local, national and international events, and State and federal funding.

The cost of Public Service programs to the State is considered to be relatively inexpensive since federal and special fund income is used to supplement State general fund support.

### **H. Discussion of Program Revenues**

Program revenues include:

1. State general fund appropriations.
2. Tuition which is retained by Manoa.
3. Fees and other charges for services which are deposited in various special and revolving funds.
4. Federal and State research and training grants.
5. Corporate and non-profit research grants and contracts.
6. Federal land, sea, space, and sun grant funds.

7. Overhead on extramural fund expenditures, paid by funding agencies.

8. Private contributions.

### **I. Summary of Analysis Performed**

None.

### **J. Further Considerations**

None.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH110  
 PROGRAM STRUCTURE NO: 070302  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, JOHN A. BURNS S.O.MED

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	199.03*	205.03*	209.03*	209.03*	209.0*	209.0*	209.0*	209.0*
	3.50**	3.50**	3.50**	3.50**	3.5**	3.5**	3.5**	3.5**
PERSONAL SERVICES	32,173,895	37,323,037	40,828,657	42,027,776	42,028	42,028	42,028	42,028
OTHER CURRENT EXPENSES	13,296,292	22,127,817	23,367,817	23,367,817	23,368	23,368	23,368	23,368
EQUIPMENT	118,947	100,000	100,000	100,000	100	100	100	100
TOTAL OPERATING COST	45,589,134	59,550,854	64,296,474	65,495,593	65,496	65,496	65,496	65,496
BY MEANS OF FINANCING								
	199.03*	205.03*	209.03*	209.03*	209.0*	209.0*	209.0*	209.0*
	3.50**	3.50**	3.50**	3.50**	3.5**	3.5**	3.5**	3.5**
GENERAL FUND	20,774,444	23,581,966	28,327,586	29,526,705	29,527	29,527	29,527	29,527
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
SPECIAL FUND	19,269,683	27,958,949	27,958,949	27,958,949	27,959	27,959	27,959	27,959
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
REVOLVING FUND	5,545,007	8,009,939	8,009,939	8,009,939	8,010	8,010	8,010	8,010
CAPITAL IMPROVEMENT COSTS								
PLANS		1,000						
DESIGN		1,000						
CONSTRUCTION		948,000	960,000	476,000				
EQUIPMENT				1,000				
TOTAL CAPITAL EXPENDITURES		950,000	960,000	477,000				
BY MEANS OF FINANCING								
REVENUE BONDS		950,000	960,000	477,000				
TOTAL PERM POSITIONS	199.03*	205.03*	209.03*	209.03*	209.0*	209.0*	209.0*	209.0*
TOTAL TEMP POSITIONS	3.50**	3.50**	3.50**	3.50**	3.5**	3.5**	3.5**	3.5**
TOTAL PROGRAM COST	45,589,134	60,500,854	65,256,474	65,972,593	65,496	65,496	65,496	65,496

PROGRAM ID: UOH110  
 PROGRAM STRUCTURE: 070302  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, JOHN A. BURNS SCHOOL OF MEDICINE

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. DEGREE ATTAINMENT OF NATIVE HAWAIIANS	7	7	7	7	7	7	7	8
2. NO. DEGREES & CERTIFICATES OF ACHIEVEMENT EARNED	114	115	116	117	119	120	121	122
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION (IN THOUSANDS)	1442	1454	1465	1477	1489	1501	1513	1525
<b>PROGRAM ACTIVITIES</b>								
1. GRAD HEADCOUNT ENROLLMENT	426	430	435	439	443	448	452	457
2. NO. OF STUDENT SEMESTER HOURS	8835	8923	9013	9103	9194	9286	9379	9472
3. NO. OF CLASSES	231	233	236	238	240	243	245	248
4. NO. OF APPLICATIONS FOR ADMISSION	2792	2820	2848	2877	2905	2934	2964	2993
5. NO. OF GRAD & PROFESSIONAL DEGREES GRANTED	107	108	109	110	111	112	114	115
6. POST-MD RESIDENT HEADCOUNT ENROLLMENT	236	232	240	243	243	243	243	243
7. POST-MD RESIDENT CERTIFICATES AWARDED	75	72	76	76	76	76	76	76
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
REVENUES FROM THE USE OF MONEY AND PROPERTY	308	472	472	472	472	472	472	472
CHARGES FOR CURRENT SERVICES	285	850	850	330	850	330	850	330
TOTAL PROGRAM REVENUES	593	1,322	1,322	802	1,322	802	1,322	802
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
SPECIAL FUNDS	8	553	553	33	553	33	553	33
ALL OTHER FUNDS	585	769	769	769	769	769	769	769
TOTAL PROGRAM REVENUES	593	1,322	1,322	802	1,322	802	1,322	802

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

UOH110: UNIVERSITY OF HAWAII, JOHN A. BURNS S.O.MED

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### **A. Statement of Program Objectives**

The John A. Burns School of Medicine (JABSOM) opened in 1965 as a two-year program of basic medical sciences and became a four-year degree-granting program in 1973. The School is named after the late Governor John A. Burns who was instrumental in its founding. JABSOM is a diverse learning community committed to excellence and leadership in:

- \* Educating current and future healthcare professionals and leaders.
- \* Conducting medical and biomedical research and translating discoveries into practice.
- \* Establishing community partnerships and fostering multidisciplinary collaboration.
- \* Pursuing alliances unique to Hawaii and the Asia-Pacific region.
- \* Acting with forethought regarding right relationships, respect, and moral action (Pono).

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, the following requests are being submitted: 1) Add \$660,000 in general funds in both FY 24 and FY 25 to provide full-year funding for half-year funded Graduate Medical Education (GME) residency positions authorized in Act 248, SLH 2022; 2) Add \$1,800,000 in general funds in both FY 24 and FY 25 to offset program review reductions; 3) Add \$926,843 in general funds in both FY 24 and FY 25 to restore funding for unfunded positions; and 4) Add 4.00 permanent positions and \$2,000,000 in general funds in both FY 24 and FY 25 to continue neighbor island medical education (MD) expansion and collaboration with the U.S. Department of Veterans Affairs (VA).

### **C. Description of Activities Performed**

JABSOM's undergraduate MD and GME programs are fully accredited through 2024 by the Liaison Committee on Medical Education (LCME) and Accreditation Council on Graduate Medical Education (ACGME), respectively. JABSOM enrolls over 77 new MD degree candidates

annually for a total enrollment of over 300 students over the four years of the program. After receiving their degrees, JABSOM MD students enter GME - residency programs - to receive the required additional training needed for licensure and board certification. JABSOM graduates have a strong commitment to care for the people of Hawaii, with over half of the State's practicing physicians being a JABSOM medical school graduate, JABSOM residency graduate or a JABSOM faculty member (<http://jabsom.hawaii.edu/ed-programs/md-program/>).

JABSOM offers a total of 19 GME residency or fellowship programs. Each residency training program ranges from three to five years in duration, with one to three years more for fellowships after completing residency training. JABSOM trains more than 220 physicians annually in the specialties of Family Medicine, Sports Medicine, Internal Medicine, Cardiology, Geriatric Medicine, Obstetrics and Gynecology, Maternal-Fetal Medicine, Complex Family Planning, Orthopedic Surgery, Pathology, Pediatrics, Neonatal-Perinatal Medicine, General Psychiatry, Addiction Psychiatry, Addiction Medicine, Child and Adolescent Psychiatry, Geriatric Psychiatry, General Surgery, and Surgical Critical Care. All GME programs work closely with their clinical training sites to improve the quality of patient care delivered to patients across the State of Hawaii (<http://jabsom.hawaii.edu/ed-programs/gme/>).

The School's graduate programs confer Master of Science (MS) and Doctor of Philosophy degrees in several biomedical sciences disciplines, including Clinical Research, Quantitative Health Sciences, Cell and Molecular Biology, Developmental and Reproductive Biology, and Tropical Medicine. Available interdisciplinary graduate programs include Neuroscience. The Department of Communication Sciences and Disorders (CSD) currently offers a MS degree in speech language pathology (SLP). This master's degree fulfills the academic and clinical requirements established by the American Speech Language Hearing Association (ASHA) for the Certificate of Clinical Competence in SLP. This program is accredited by the Council of Academic Accreditation in Audiology and Speech-Language Pathology (CAA) (<http://jabsom.hawaii.edu/ed-programs/masters-phd/>).

One of the medical school's outstanding programs is Imi Hoola, a post-baccalaureate 12-month education program that addresses disadvantaged students' academic and social-emotional needs. Up to 12

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students are enrolled each year. Applicants to the Imi Hoola Program have diverse backgrounds and are motivated to overcome challenges that have prevented them from achieving their academic potential. Successful completion of the program allows students to enter JABSOM as first-year medical students (<http://jabsom.hawaii.edu/ed-programs/Imi/>).

Students can also earn a Bachelor in Science (BS) medical laboratory science degree at JABSOM. This is the only BS professional training program in the field of laboratory science in the State. This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) (<http://jabsom.hawaii.edu/ed-programs/undergrad-programs/>).

The School also conducts research through the following Centers and Programs: Institute of Biogenesis Research, Diabetes Research Center, Center for Cardiovascular Research, Center for Native and Pacific Health Disparities Research, Imi Hoola Post Baccalaureate Program, Hawaii and Pacific Basin Area Health Education Center, Pacific Center for Emerging Infectious Diseases Research, Hawaii Center for AIDS, Hyperbaric Treatment Center, Native Hawaiian Center of Excellence, Pacific Disabilities Center, Sim Tiki Center, Telehealth Research Institute, and Center for Clinical Skills (<http://jabsom.hawaii.edu/centers-institutes/>).

### **D. Statement of Key Policies Pursued**

The School addresses its mission goals as follows:

#### **Educating Current and Future Healthcare Professionals and Leaders**

Unique features of the School's MD program include its Problem-Based Learning curriculum (PBL), longitudinal learning community program, and community-based medicine program. In addition, clinical instruction is done in affiliated community hospitals and clinics. The benefits of this approach are several: it is economical; students from the start enter into the real world of day-to-day clinical activity; and work directly within the community that involves extensive participation of community physicians and other health professionals in the training of future physicians.

#### **Delivering High-Quality Healthcare**

The School provides outstanding GME that produces fully trained

specialty and subspecialty physicians and develops environments within hospitals, clinics, and community settings in which quality patient care, health promotion, and academic excellence are sustained. The School's faculty members are actively engaged in patient care in the community as required for maintaining the clinical learning environment for all learners.

#### **Conducting Research and Translating Discoveries into Practice**

Many members of the School's faculty are involved in clinical research in pursuit of the best means to fight disease and injury. Advanced medical and biomedical research at JABSOM has received international recognition for pioneering work in diabetes, cardiovascular (heart/stroke/blood pressure) disease, nutrition (obesity), infectious diseases, human fertility, neurological diseases, (e.g., Alzheimer's, Parkinson, post-traumatic stress disorder) and aging. The School's work on the better understanding of Hansen's disease is part of Hawaii's legacy to the world. Most recently, it has contributed to our understanding of rat lungworm disease and COVID-related health disparities in Hawaii.

#### **Establishing Community Partnerships and Fostering Multidisciplinary Collaboration**

JABSOM partners with health systems, hospitals, federally-qualified health centers, other healthcare organizations, and community organizations to provide excellent care, clinical and translational research support and health policy leadership to the local community.

#### **Pursuing Alliances Unique to Hawaii and the Asia-Pacific Region**

JABSOM is the most culturally and ethnically diverse medical school in the nation. Its student body mirrors the rich diversity of the State's population. The School has always and will continue to expand opportunities in health science leadership for women, minorities, Native Hawaiian and Pacific Islanders, and the socio-economically disadvantaged. Programs such as Imi Hoola and the Native Hawaiian Center of Excellence have dramatically increased the number of under-represented minorities and disadvantaged physicians in the community. Hawaii's geographic location as a prominent international port provides a unique setting from which to monitor the emergence and spread of newly

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recognized infectious diseases and to investigate outbreaks through its Global Health network affiliation with universities and hospitals in the Pacific Rim.

Acting With Forethought Regarding Right Relationships, Respect, and Moral Action (Pono)

This concept addresses integrity, morality, equity, and taking action to eliminate health disparities in the spirit of social justice. JABSOM's Hawaii Homeless Outreach and Medical Education (H.O.M.E.) Project provides unique training of learners in the care of those without houses in Hawaii. The Project improves access to and the quality of healthcare for Hawaii's homeless. With the collaboration and support of Hawaii's healthcare industry and School of Nursing, JABSOM launched its educational loan-repayment program to encourage healthcare professionals to practice in the most underserved areas in our State.

### **E. Identification of Important Program Relationships**

JABSOM's success in medical education, biomedical research and clinical care is a result of building respectful and collaborative relationships with both our University of Hawaii (UH) colleagues and many community, State, national, and international organizations. These include:

1. UH Manoa's other healthcare related schools, colleges, and research units, including the Nancy Atmospera-Walch School of Nursing, the UH Cancer Center, the Thompson School of Social Work and Public Health, the College of Tropical Agriculture and Human Resources, the College of Engineering, and the College of Natural Sciences.
2. The Legislature of the State of Hawaii, which continues to support JABSOM's physician workforce shortage study and JABSOM's loan repayment program for eligible healthcare providers who serve in specified rural areas of our State.
3. UH System entities such as Kapiolani Community College (KCC) and UH Hilo, College of Pharmacy.
4. The private sector hospitals and healthcare delivery organizations, including Queen's Health Systems, Hawaii Pacific Health (Kapiolani Medical Center for Women and Children, Pali Momi Medical Center, and

Straub Medical Center), Kuakini Medical Center, Kaiser Permanente Medical Center, Tripler Army Medical Center and VA Hospitals, Rehabilitation Hospital of the Pacific, Shriners Hospital, Hawaii Health Systems Corporation, Hilo Medical Center, and Wahiawa General Hospital. The School provides essential clinical service through shared faculty and resident/fellow activities in the community hospitals.

5. Physicians in both hospital and office-based practices throughout the State of Hawaii who, on a volunteer basis, provide essential supervision and teaching to our medical students and resident physicians.

6. Many federal granting agencies, especially the National Institute of Health (NIH), Department of Health and Human Services (DHHS), Health Resources and Service Administration (HRSA), and Centers for Disease Control (CDC). The School serves as a portal for federal grant support of basic, clinical, and translational health science research to the State.

7. Through unique academic affiliation agreements, the JABSOM faculty members participate in statewide practice plans: University Partners of Hawai'i (UHP), Queen's University Medical Group, and Hawaii Pacific Health Medical Group, which support faculty members as they provide care to patients in our communities and train tomorrow's physicians.

8. Federal and State agencies enforcing health and safety, equal access and employment, and financial aid regulations.

### **F. Description of Major External Trends Affecting the Program**

1. Technological advancements that necessitate changes to our curriculum to provide up-to-date educational experiences and training.
2. The State economy which impacts the budget allocations received by JABSOM and, in turn, affects hiring of new faculty and staff.
3. Reduced availability of federal funds for support of training programs, fellowships, and research grants.
4. Limitations to practice activities due to COVID-19, which adversely affect classroom and clinical training efficiency.
5. Growing Hawaii physician shortages and maldistribution necessitating

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growth of the school's educational programs, especially on neighbor islands.

### J. Further Considerations

None.

### G. Discussion of Cost, Effectiveness, and Program Size Data

Based on data trends from the past five years (FY 14 through FY 19), there has been gradual increases to the number of admissions and MD degrees bestowed. Over the last decade, each of the four medical school classes has increased by ten students with a future goal of adding another five matriculating medical students over the next few years when State economics will permit establishment of a complete neighbor island satellite campus cohort program.

This present enrollment data will drive most of the other performance measures in the future. Because the School's growth in enrollment size is limited by our space availability and faculty resources, there should not be much volatility in the forecasted measures.

### H. Discussion of Program Revenues

Program revenues include:

1. State general fund appropriations.
2. Tuition.
3. Fees and other charges for services deposited in various special and revolving funds.
4. Federal and State research and training grants.
5. Corporate and non-profit research grants and contracts.
6. Return of extramural fund overhead.
7. Private contributions.

### I. Summary of Analysis Performed

None.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH210  
 PROGRAM STRUCTURE NO: 070303  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, HILO

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	565.25*	586.25*	598.25*	598.25*	598.2*	598.2*	598.2*	598.2*
	7.00**	7.00**	7.00**	7.00**	7.0**	7.0**	7.0**	7.0**
PERSONAL SERVICES	45,531,946	62,981,965	66,483,085	68,572,249	68,572	68,572	68,572	68,572
OTHER CURRENT EXPENSES	25,013,380	36,366,842	38,066,842	38,066,842	38,067	38,067	38,067	38,067
EQUIPMENT	488,367	1,510,000	1,010,000	1,010,000	1,010	1,010	1,010	1,010
MOTOR VEHICLES		160,000						
TOTAL OPERATING COST	71,033,693	101,018,807	105,559,927	107,649,091	107,649	107,649	107,649	107,649
BY MEANS OF FINANCING								
	499.25*	520.25*	532.25*	532.25*	532.2*	532.2*	532.2*	532.2*
	7.00**	7.00**	7.00**	7.00**	7.0**	7.0**	7.0**	7.0**
GENERAL FUND	37,734,216	45,898,838	50,414,002	52,488,753	52,489	52,489	52,489	52,489
	64.00*	64.00*	64.00*	64.00*	64.0*	64.0*	64.0*	64.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	28,380,840	47,227,520	47,227,520	47,227,520	47,227	47,227	47,227	47,227
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	222,606	443,962	443,962	443,962	444	444	444	444
	2.00*	2.00*	2.00*	2.00*	2.0*	2.0*	2.0*	2.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	4,696,031	7,448,487	7,474,443	7,488,856	7,489	7,489	7,489	7,489
CAPITAL IMPROVEMENT COSTS								
PLANS			1,000					
DESIGN	441,000	564,000	1,403,000	1,966,000	1,968			
CONSTRUCTION	3,634,000	1,512,000	1,524,000	7,666,000	11,707	9,648	9,648	4,830
EQUIPMENT				1,000	1	1		
TOTAL CAPITAL EXPENDITURES	4,075,000	2,076,000	2,928,000	9,633,000	13,676	9,649	9,648	4,830
BY MEANS OF FINANCING								
G.O. BONDS	4,075,000	2,076,000	2,928,000	9,633,000	13,676	9,649	9,648	4,830
TOTAL PERM POSITIONS	565.25*	586.25*	598.25*	598.25*	598.2*	598.2*	598.2*	598.2*
TOTAL TEMP POSITIONS	7.00**	7.00**	7.00**	7.00**	7.0**	7.0**	7.0**	7.0**
TOTAL PROGRAM COST	75,108,693	103,094,807	108,487,927	117,282,091	121,325	117,298	117,297	112,479



PROGRAM ID: UOH210  
 PROGRAM STRUCTURE: 070303  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, HILO

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. DEGREE ATTAINMENT OF NATIVE HAWAIIANS	234	246	258	271	284	299	314	329
2. NO. DEGREES & CERTIFICATES OF ACHIEVEMENT EARNED	780	819	860	903	948	995	1045	1098
3. NO. OF PELL GRANT RECIPIENTS	1177	1177	1177	1177	1177	1177	1177	1177
4. EXTRAMURAL FUND SUPPORT (\$ MILLIONS)	18	18.9	19.9	20.9	21.9	23	24.2	25.4
5. NO. OF DEGREES IN STEM FIELDS	129	135	142	149	157	165	173	182
6. NO. TRANSFERS FROM UH 2 YR CAMPUSES	207	207	207	207	207	207	207	207
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION	1442	1454	1465	1477	1489	1501	1513	1525
2. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18-24	232	241	251	261	271	282	294	305
3. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18+	436	453	472	490	510	530	552	574
<b>PROGRAM ACTIVITIES</b>								
1. UNDERGRAD HEADCOUNT ENROLLMENT	2763	2593	2749	2913	3088	3274	3470	3678
2. GRAD HEADCOUNT ENROLLMENT	480	384	396	407	420	432	445	459
3. NO. OF STUDENT SEMESTER HOURS	39034	39324	39618	39815	40037	40316	39752	39752
4. NO. OF CLASSES	632	632	632	632	632	632	632	632
5. NO. OF APPLICATIONS FOR ADMISSION	4422	4466	4466	4466	4466	4466	4466	4466
6. NO. OF FINANCIAL AID APPLICATIONS PROCESSED	8068	8471	8471	8471	8471	8471	8471	8471
7. NO. BACCALAUREATE DEGREES GRANTED	623	629	636	642	648	655	661	668
8. NO. OF GRAD & PROFESSIONAL DEGREES GRANTED	157	159	160	162	163	165	167	168
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
REVENUES FROM THE USE OF MONEY AND PROPERTY	285	701	701	711	711	711	711	711
REVENUE FROM OTHER AGENCIES: FEDERAL	3,205	3,000	3,000	3,000	3,000	3,000	3,000	3,000
CHARGES FOR CURRENT SERVICES	35,391	47,682	54,602	61,226	61,262	61,299	61,312	61,312
NON-REVENUE RECEIPTS	2,405	3,425	3,425	3,425	3,425	3,425	3,425	3,425
TOTAL PROGRAM REVENUES	41,286	54,808	61,728	68,362	68,398	68,435	68,448	68,448
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
GENERAL FUNDS		12	12	12	12	12	12	12
SPECIAL FUNDS	37,893	51,447	58,361	64,978	65,014	65,051	65,064	65,064
ALL OTHER FUNDS	3,393	3,349	3,355	3,372	3,372	3,372	3,372	3,372
TOTAL PROGRAM REVENUES	41,286	54,808	61,728	68,362	68,398	68,435	68,448	68,448

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

UOH210: UNIVERSITY OF HAWAII, HILO

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### **A. Statement of Program Objectives**

To develop eligible individuals to higher levels of intellectual, personal, social, and vocational competency by providing occupational, general academic, and professional training leading to certificates and degrees.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, the following requests are being submitted: 1) Transfer in 4.00 permanent positions and funds from UOH900; 2) Add \$3,420,000 in general funds in both FY 24 and FY 25 to offset program review reductions; 3) Add \$1,000,000 in general funds in both FY 24 and FY 25 to restore funding for unfunded positions; 4) Add \$1,700,000 in general funds in both FY 24 and FY 25 to expand the Hawaii Promise Scholarship Program; and 5) Add 8.00 positions and \$198,000 in general funds in both FY 24 and FY 25 for the Nursing Program.

For the capital improvement program budget, a request for \$17.5 million in general obligation (G.O.) bond funds in FY 24 and \$26.5 million in G.O. bond funds in FY 25 to Renew, Improve and Modernize (RIM) UH Hilo facilities.

### **C. Description of Activities Performed**

Certificates and degrees are offered through the College of Arts and Sciences, the College of Agriculture, Forestry, and Natural Resource Management, Ka Haka Ula O Keelikolani College of Hawaiian Language, College of Business and Economics, Daniel K. Inouye College of Pharmacy, School of Nursing, and School of Education.

Support, enrich, and broaden the student's life while enrolled at UH Hilo by making available a variety of services and activities which supplement the primary academic programs.

Provide campus-wide executive leadership guided by State, Board of Regents and Presidential rules, regulations, and policies.

### **D. Statement of Key Policies Pursued**

Key policies pursued are the approved Academic Development Plan and the Strategic Plan.

The policies and standards as set forth by the American Library Association Standards for College Libraries and Junior College Libraries.

The University's policies and directives concerning student affairs. Along with this is the federal policies (financial aids and Title II) and the campus academic standard policies.

The policies and directives of the State of Hawaii, Board of Regents, and the President of the University.

### **E. Identification of Important Program Relationships**

Federal funds in the form of research and training grants have supported this program, and continued support is anticipated. Continued funding and support from the National Science Foundation, U.S. Department of Education, U.S. Department of Health and Human Services, National Aeronautics and Space Administration, and the U.S. Department of Agriculture have greatly bolstered Colleges and programs at UH Hilo.

The College of Agriculture, Forestry and Natural Resource Management's continuing relationship with UH Manoa, through the Action Alliance with the College of Tropical Agriculture and Human Resources and their Hawaii Island Research Stations, provides additional resources both in personnel and program data.

Relationships with the State Library Systems and the Manoa Library play an integral part of this operation. Interlibrary loans are a continuous program between these agencies.

Federal documents are also maintained in this program and have been designated by the federal government as the depository of all federal documents for this county.

Federal funds granted for student financial aid programs such as work-study, subsidized loans, and Pell grants. Also, State student loan programs, along with tuition scholarships, are provided for students.

### **F. Description of Major External Trends Affecting the Program**

Economic conditions in the world, nation, and the State strongly impact the program.

## Program Plan Narrative

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UH Hilo programs rely heavily on tuition and fees collected. Therefore, clients' ability to participate is heavily contingent upon their economic resources.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

The high quality and effectiveness of instructional and support services will be maintained during this budget period. Because programs rely heavily on tuition and fees collected, the program size is dependent upon the amount of revenue generated through tuition.

Alternative sources of revenues come from federal, State and county governments and special grant funding. These optional funding resources are continually sought.

Within this budget period, the cost effectiveness is projected to be maintained at its current level without adjustment to anticipated inflation increase in costs.

### **H. Discussion of Program Revenues**

Program revenues include:

1. State general fund appropriations.
2. Tuition generated and collected.
3. Fees and other charges for services which are deposited in various special and revolving funds.
4. Federal and State Research and Training Grants.
5. Corporate and non-profit research grants and contracts.
6. Return of extramural fund overhead, all of which is retained by the University.
7. Private contributions.

### **I. Summary of Analysis Performed**

Not applicable at present.

### **J. Further Considerations**

None.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH220  
 PROGRAM STRUCTURE NO: 070304  
 PROGRAM TITLE: SMALL BUSINESS DEVELOPMENT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	0.00*	0.00*	0.00*	0.00*	0.0*	0.0*	0.0*	0.0*
	1.00**	11.00**	11.00**	11.00**	11.0**	11.0**	11.0**	11.0**
PERSONAL SERVICES	128,950	633,816	633,816	633,816	634	634	634	634
OTHER CURRENT EXPENSES		345,125	345,125	345,125	345	345	345	345
TOTAL OPERATING COST	128,950	978,941	978,941	978,941	979	979	979	979
BY MEANS OF FINANCING								
	*	*	*	*	*	*	*	*
	1.00**	11.00**	11.00**	11.00**	11.0**	11.0**	11.0**	11.0**
GENERAL FUND	128,950	978,941	978,941	978,941	979	979	979	979
TOTAL PERM POSITIONS	*	*	*	*	*	*	*	*
TOTAL TEMP POSITIONS	1.00**	11.00**	11.00**	11.00**	11.0**	11.0**	11.0**	11.0**
TOTAL PROGRAM COST	128,950	978,941	978,941	978,941	979	979	979	979

PROGRAM ID: UOH220  
 PROGRAM STRUCTURE: 070304  
 PROGRAM TITLE: SMALL BUSINESS DEVELOPMENT

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. ANNUAL ECONOMIC IMPACT	29	29	29	29	29	29	29	29
2. RATIO OF ST INVSTMT TO NEW TAX REV GENERATED (1:X)	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
3. RATIO STATE INVSTMT TO TOT COUNSL-TRNG HOURS (\$)	195	190	190	190	190	190	190	190
4. CLIENTS PERCEIVED QUALITY OF COUNSELING/TRNG	95	99	99	99	99	99	99	99
<b>PROGRAM TARGET GROUPS</b>								
1. SMALL BUSINESSES IN THE STATE OF HAWAII	34000	33000	33000	33000	33000	33000	33000	33000
2. THOSE INTENDING TO DEV NEW BUSINESSES IN HAWAII	0	0	0	0	0	0	0	0
<b>PROGRAM ACTIVITIES</b>								
1. TOTAL COUNSELING CASES	1298	1350	1350	1350	1350	1350	1350	1350
2. TOTAL COUNSELING HOURS	3976	4100	4100	4100	4100	4100	4100	4100
3. TOTAL TRAINING EVENTS	62	75	75	75	75	75	75	75
4. TOTAL # OF TRAINING EVENT ATTENDEES	1187	1150	1150	1150	1150	1150	1150	1150
5. TOTAL STATE GENERAL FUNDS (THOUSANDS)	979	979	979	979	979	979	979	979
6. TOTAL OF ALL OTHER FUNDS (THOUSANDS)	846	820	820	820	820	820	820	820

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

**UOH220: SMALL BUSINESS DEVELOPMENT**

**07 03 04**

### **A. Statement of Program Objectives**

To stimulate the State's economy by developing eligible individuals to increased entrepreneurial knowledge and skills by providing consulting and training services.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

No new requests.

### **C. Description of Activities Performed**

To achieve the program's objectives, the activities focus on small business owners and those who wish to start and grow businesses by providing: 1) one-on-one customized consulting; 2) training workshops; and 3) business research support.

### **D. Statement of Key Policies Pursued**

Key policies are defined by the U.S. Small Business Administration (SBA) in accordance with 13 CFR 130, its annual Program Announcement, and its annual Notice of Award. The policies are incorporated in the Cooperative Agreement between the SBA and the University of Hawaii (UH) at Hilo. In compliance with the policies and those of UH, the Hawaii Small Business Development Center (SBDC) Network operates in accordance with the cooperative agreement and with its Strategic Plan.

Other policies and directives that may impact the Hawaii SBDC Network are those of the State of Hawaii, the UH Board of Regents, the UH administration, and the UH at Hilo administration.

### **E. Identification of Important Program Relationships**

Federal funds from the U.S. SBA have supported the program since 1990. These SBA funds are annually matched by State funds at no less than a 1:1 ratio.

### **F. Description of Major External Trends Affecting the Program**

The program is affected by the growth and integration of the global marketplace and new technology as it affects small businesses and the economy of Hawaii.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

The high quality and effectiveness of program service delivery will be maintained during this budget period.

Within this funding period, the cost effectiveness and program size are projected to be maintained at its current level without adjustment for inflation increases in costs.

The program is dependent upon federal and State funds. Federal law prohibits charging fees for counseling. The need for program services for Hawaii small businesses far exceeds program resources.

### **H. Discussion of Program Revenues**

Program revenues are generated from training event fees, publication sales, and fees for customized research. Federal law prohibits charging fees for counseling/consulting services and mandates that fees for training events be reasonable. Fees are designed to only slightly exceed anticipated costs for these events, publications, and research. There is minimal opportunity for increasing these fees.

### **I. Summary of Analysis Performed**

Not applicable at present.

### **J. Further Considerations**

Not applicable at present.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH700  
 PROGRAM STRUCTURE NO: 070305  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, WEST OAHU

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	234.50*	234.50*	239.50*	239.50*	239.5*	239.5*	239.5*	239.5*
	1.50**	1.50**	1.50**	1.50**	1.5**	1.5**	1.5**	1.5**
PERSONAL SERVICES	23,515,233	30,787,700	34,134,758	36,089,689	36,089	36,089	36,089	36,089
OTHER CURRENT EXPENSES	5,339,582	12,017,860	17,017,860	17,017,860	17,018	17,018	17,018	17,018
EQUIPMENT	135,386	616,536	616,536	616,536	617	617	617	617
TOTAL OPERATING COST	28,990,201	43,422,096	51,769,154	53,724,085	53,724	53,724	53,724	53,724
BY MEANS OF FINANCING								
	234.50*	234.50*	239.50*	239.50*	239.5*	239.5*	239.5*	239.5*
	1.50**	1.50**	1.50**	1.50**	1.5**	1.5**	1.5**	1.5**
GENERAL FUND	18,809,118	20,185,276	27,494,646	28,799,898	28,800	28,800	28,800	28,800
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
SPECIAL FUND	9,631,485	20,360,009	21,383,209	22,024,842	22,025	22,025	22,025	22,025
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	96,649	802,037	802,037	802,037	802	802	802	802
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
REVOLVING FUND	452,949	2,074,774	2,089,262	2,097,308	2,097	2,097	2,097	2,097
CAPITAL IMPROVEMENT COSTS								
PLANS	48,000	20,000		50,000	50			
DESIGN	664,000	364,000	517,000	427,000	95			
CONSTRUCTION	684,000	1,209,000	969,000	3,143,000	2,666	2,477		
EQUIPMENT					125	126		
TOTAL CAPITAL EXPENDITURES	1,396,000	1,593,000	1,486,000	3,620,000	2,936	2,603		
BY MEANS OF FINANCING								
G.O. BONDS	1,396,000	1,593,000	1,486,000	3,620,000	2,936	2,603		
TOTAL PERM POSITIONS	234.50*	234.50*	239.50*	239.50*	239.5*	239.5*	239.5*	239.5*
TOTAL TEMP POSITIONS	1.50**	1.50**	1.50**	1.50**	1.5**	1.5**	1.5**	1.5**
TOTAL PROGRAM COST	30,386,201	45,015,096	53,255,154	57,344,085	56,660	56,327	53,724	53,724

PROGRAM ID: UOH700  
 PROGRAM STRUCTURE: 070305  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, WEST OAHU

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. DEGREE ATTAINMENT OF NATIVE HAWAIIANS	210	223	236	250	265	281	298	316
2. NO. DEGREES & CERTIFICATES OF ACHIEVEMENT EARNED	738	782	829	879	932	988	1047	1110
3. NO. OF PELL GRANT RECIPIENTS	1017	1017	1017	1017	1017	1017	1017	1017
4. EXTRAMURAL FUND SUPPORT (\$ MILLIONS)	6.7	7.0	7.4	7.7	8.1	8.5	9.0	9.4
5. NO. TRANSFERS FROM UH 2 YR CAMPUSES	637	637	637	637	637	637	637	637
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION	1442	1454	1465	1477	1489	1501	1513	1525
2. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18-24	321	334	347	361	376	391	406	422
3. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18+	657	683	711	739	769	799	831	865
<b>PROGRAM ACTIVITIES</b>								
1. UNDERGRAD HEADCOUNT ENROLLMENT	3008	3309	3640	4004	4404	4844	5329	5862
2. NO. OF STUDENT SEMESTER HOURS	30812	30969	31237	31432	31677	31876	31481	31481
3. NO. OF CLASSES	467	472	476	481	486	491	496	501
4. NO. OF APPLICATIONS FOR ADMISSION	2195	2524	2903	3338	3839	4415	5077	5839
5. NO. OF FINANCIAL AID APPLICATIONS PROCESSED	5899	6194	6504	6829	7170	7529	7905	8300
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
REVENUES FROM THE USE OF MONEY AND PROPERTY	232	249	249	249	249	249	249	249
REVENUE FROM OTHER AGENCIES: ALL OTHER	2	2	1	1	1	1	1	1
CHARGES FOR CURRENT SERVICES	18,026	18,018	18,108	18,199	18,289	18,107	18,107	18,107
TOTAL PROGRAM REVENUES	18,260	18,269	18,358	18,449	18,539	18,357	18,357	18,357
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
SPECIAL FUNDS	18,134	18,146	18,234	18,325	18,415	18,233	18,233	18,233
ALL OTHER FUNDS	126	123	124	124	124	124	124	124
TOTAL PROGRAM REVENUES	18,260	18,269	18,358	18,449	18,539	18,357	18,357	18,357

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.



## Program Plan Narrative

UOH700: UNIVERSITY OF HAWAII, WEST OAHU

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### **A. Statement of Program Objectives**

The University of Hawaii (UH) West Oahu offers a distinct and accessible student-centered education that focuses on the 21st Century learner. The University embraces Native Hawaiian culture and traditions, while promoting student success in an environment where students of all backgrounds are supported. The campus fosters excellence in teaching, learning, and service to the community.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, the following requests are being submitted: 1) Add \$1,620,000 in general funds in FY 24 and FY 25 to offset program review reductions; 2) Add \$1,000,000 in general funds in FY 24 and FY 25 to restore funding for unfunded positions; 3) Transfer in 1.00 permanent position and funding from UOH900 for the Na Pua Noeua Program; 4) Add \$5,000,000 in general funds in both FY 24 and FY 25 for the Hawaii Promise scholarship Program; and 5) Add 4.00 permanent positions and \$147,158 in general funds for FY 24, and \$294,316 in general funds in FY 25 for the Pre-Nursing and Healthcare Administration Programs.

For the capital improvement program budget, a request is being submitted for \$5,000,000 in general obligation (G.O.) bond funds in FY 24 and \$3,500,000 in G.O. bond funds in FY 25 for renew, improve, and modernize projects at UH West Oahu.

### **C. Description of Activities Performed**

UH West Oahu offers Board of Regents approved bachelor degrees in various concentrations and certificates as listed below:

- Bachelor of Arts in Business Administration (Concentrations in Accounting, Facilities Management, Finance, General Business Administration, and Hospitality and Tourism, Management, and Marketing)
- Bachelor of Arts in Creative Media (Concentrations in General Creative Media, Communications and New Media Technologies, Design and Media, and Video Game Design and Development)
- Bachelor of Arts in Humanities (Concentrations in English, Film, Media

and Popular Culture, Hawaiian-Pacific Studies, History, Mathematics, and Philosophy)

- Bachelor of Arts in Social Sciences (Concentrations in Anthropology, Early Childhood Education, Economics, Political Science, Psychology, and Sociology)

- Bachelor of Arts in Public Administration (Concentrations in Community Health, Disaster Preparedness and Emergency Management, Health Care Administration, General Public Administration, Justice Administration, and Long-Term Care)

- Bachelor of Education (Concentrations in Elementary Education (grades K-6), Middle-Level Education (grades 6-8) English, Social Studies, General Science, and Mathematics, and Secondary Education (grades 6-12) English, Social Studies, Biology, General Science, and Mathematics)

- Bachelor of Applied Science (Concentrations in Culinary Management, Facilities Management, Hawaiian and Indigenous Health and Healing, Health Information Management, Health Professions, Information Security and Assurance, Information Technology, Respiratory Care, and Sustainable Community Food Systems)

- Bachelor of Science in Natural Sciences (Concentrations in Applied Mathematics, Life Science (Biology), and Health Sciences)

- Bachelor of Science in Cybersecurity (Concentration in Cyber Operations)

- Certificates such as Asian Studies, Music, Disaster Preparedness and Emergency Management, Health Care Administration, Substance Abuse and Addictions Studies, Applied Forensic Anthropology, Gender Studies, Sustainability Issues, and Hawaiian and Indigenous Health and Healing.

UH West Oahu also provides instructional services through tutorials, practicums, and academic advising as required by students enrolled in the University's program. Non-credit instruction is also provided by UH West Oahu's Center for Labor Education and Research (CLEAR).

## Program Plan Narrative

**UOH700: UNIVERSITY OF HAWAII, WEST OAHU**

**07 03 05**

In support of the institution, other major activities and services include strategic planning, academic development planning, and curriculum development; increased access to information and learning resources; improvements to the information technology infrastructure, hardware, software, and other computing resources; online and distance education services; admissions and outreach; registration and enrollment management; financial aid; student orientation, testing, tutoring support, academic advising and counseling; placement and career counseling; student government activities; and budget, accounting, cashiering, personnel, facilities management, maintenance, repair and improvement, security, parking, transportation, procurement and purchasing, dining services, and campus auxiliary services. The campus also provides long-range development planning scenarios and long-range financial forecasting models for the campus and the surrounding lands in Kapolei.

### **D. Statement of Key Policies Pursued**

The UH West Oahu Strategic Plan identifies the following five institutional values or Pahuhopu:

1. Waiwai: We value abundance/wealth that develops a culture of philanthropy and sustainable use of resources through the cultivation of quality relationships, creativity, exploration, and transdisciplinary learning.
2. Malama Aina: We value environmental responsibility that links our love and care of land, water, and people.
3. Kaiaulu: We value viable, healthy communities where everyone feels included, welcomed, and respected.
4. Hana Lawelawe: We value conscious service to community that builds the capacity to offer one's excellence for the benefit of others and our environment.
5. Pookela: We value excellence in education to meet the high aspirations of student, faculty, and staff, and the needs of our community.

In addition, there are three impact strategies and tactics that guide the University:

**Impact Strategy 1: Increasing Student Success and Engagement**

We will foster a learning environment that ensures our students persist through graduation and develop promising career paths. By creating a welcoming and culturally-responsive academic home, we will help our students engage the surrounding community.

**Impact Strategy 2: Advancing Dynamic and Integrated Learning Experiences**

We will offer a distinct educational experience that is student-focused, innovative, transdisciplinary, and engages the community. We will build upon our strong academic programs that address the needs of all students, whether first-generation, transfer, non-traditional, or recent high school graduates.

**Impact Strategy 3: Strengthening Our Assets and Infrastructure**

As the fastest growing university in the nation, we are strengthening our assets and infrastructure to meet our rising demands. We will optimize and expand our resources by designing a culture of prosperity, advancing our state-of-the-art environment, and fostering campus and community relationships.

### **E. Identification of Important Program Relationships**

This program functions within the organizational framework of the UH System. Close coordination is maintained with the University's central administration and the other nine campuses in the system. Appropriate relationships with federal, State, and county agencies involved in programs for the handicapped, occupational health and safety, Equal Employment Opportunity, Title IX/Violence Against Women Act (VAWA), and student financial aid have been established and will be expanded as UH West Oahu develops.

Partnerships with private agencies, public and private schools, and community organizations in the Leeward-Central Oahu region are maintained and strengthened to keep abreast of changes and demands in the higher education needs of this area. UH West Oahu also maintains relationships with the business community (e.g., the insurance industry is a supporter of our Risk Management and Insurance certificate).

## Program Plan Narrative

**UOH700: UNIVERSITY OF HAWAII, WEST OAHU**

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### **F. Description of Major External Trends Affecting the Program**

The following reflect the internal and external constraints and opportunities expected during the biennium:

- Population growth in the Leeward and Central areas of Oahu and on the neighbor islands will exceed population growth in other geographic areas of the State. Given that these are UH West Oahu's service areas, increasing program and service needs must be accommodated.
- Differentiated needs of an expanding constituency, including distance learners and on-campus students, non-traditional and traditional students and alternative modes of instructional delivery, and require on-going monitoring and updating to balance the varying academic and service demands.
- UH West Oahu's number of general fund instructional and staff positions will continue to limit the range of institutional programs and curricula and the ability to maintain and expand the campus. Thoughtful need-based planning to increase academic diversity and breadth is required to ensure efficient and cost-effective deployment of resources as they become available.
- Full articulation of instructional offerings, both innovative and traditional, with other UH campuses is expected to continue.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

The University continues to face challenges due to our enrollment and the resultant strain on our limited financial and human resources.

### **H. Discussion of Program Revenues**

Special fund revenues consist mainly of tuition and associated fees. The institution also receives federal student financial assistance funds which are awarded to qualified students. Other special and revolving fund revenues are generated through library fines and fees; student fees; diploma and transcript processing fees; facilities use fees; and fees generated by the activities conducted by CLEAR, International Programs, and Ulu Ulu. In addition, UH West Oahu currently has federal grants from the U.S. Department of Education to build institutional capacity and

renovate facilities.

### **I. Summary of Analysis Performed**

While UH Manoa remains the State's major research institution, UH West Oahu provides comprehensive, career-oriented undergraduate experiences, especially in the West Oahu area. UH West Oahu is committed to meeting the growing educational demands of both recent high school graduates and adult/non-traditional learners. The average age of the UH West Oahu student is currently 25.9.

The instructional programs of UH West Oahu have been responsive and will continue to be responsive to the educational needs of all students, whether first-generation, transfer, non-traditional, or recent high school graduates.

### **J. Further Considerations**

This section is not applicable.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH800  
 PROGRAM STRUCTURE NO: 070306  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	1,788.00*	1,811.00*	1,841.00*	1,841.00*	1,841.0*	1,841.0*	1,841.0*	1,841.0*
	46.00**	46.00**	46.00**	46.00**	46.0**	46.0**	46.0**	46.0**
PERSONAL SERVICES	146,439,649	204,831,861	208,715,199	216,327,685	216,328	216,328	216,328	216,328
OTHER CURRENT EXPENSES	40,935,093	69,833,299	78,667,937	78,667,937	78,667	78,667	78,667	78,667
EQUIPMENT	1,072,553	3,282,647	3,242,093	3,242,093	3,242	3,242	3,242	3,242
TOTAL OPERATING COST	188,447,295	277,947,807	290,625,229	298,237,715	298,237	298,237	298,237	298,237
BY MEANS OF FINANCING								
	1,753.50*	1,776.50*	1,806.50*	1,806.50*	1,806.5*	1,806.5*	1,806.5*	1,806.5*
	46.00**	46.00**	46.00**	46.00**	46.0**	46.0**	46.0**	46.0**
GENERAL FUND	144,786,121	166,064,588	178,742,010	186,354,496	186,354	186,354	186,354	186,354
	34.00*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
SPECIAL FUND	28,666,570	75,630,837	75,630,837	75,630,837	75,631	75,631	75,631	75,631
	0.50*	0.50*	0.50*	0.50*	0.5*	0.5*	0.5*	0.5*
	**	**	**	**	**	**	**	**
FEDERAL FUNDS	2,276,781	4,428,296	4,428,296	4,428,296	4,428	4,428	4,428	4,428
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
A R P FUNDS	1,300,000							
	*	34.00*	34.00*	34.00*	34.0*	34.0*	34.0*	34.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	11,417,823	31,824,086	31,824,086	31,824,086	31,824	31,824	31,824	31,824
CAPITAL IMPROVEMENT COSTS								
PLANS	1,000		2,000	2,000				
DESIGN	11,497,000	14,474,000	17,015,000	19,184,000	13,319	4,812		
CONSTRUCTION	33,852,000	25,942,000	38,812,000	50,447,000	44,019	24,700		
EQUIPMENT	2,000			1,000	3	2		
TOTAL CAPITAL EXPENDITURES	45,352,000	40,416,000	55,829,000	69,634,000	57,341	29,514		

OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH800  
PROGRAM STRUCTURE NO: 070306  
PROGRAM TITLE: UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
BY MEANS OF FINANCING								
GENERAL FUND			14,950,000	29,895,000	30,045	15,110		
G.O. BONDS	45,352,000	40,416,000	40,879,000	39,739,000	27,296	14,404		
TOTAL PERM POSITIONS	1,788.00*	1,811.00*	1,841.00*	1,841.00*	1,841.0*	1,841.0*	1,841.0*	1,841.0*
TOTAL TEMP POSITIONS	46.00**	46.00**	46.00**	46.00**	46.0**	46.0**	46.0**	46.0**
TOTAL PROGRAM COST	233,799,295	318,363,807	346,454,229	367,871,715	355,578	327,751	298,237	298,237

PROGRAM ID: UOH800  
 PROGRAM STRUCTURE: 070306  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. DEGREE ATTAINMENT OF NATIVE HAWAIIANS	1267	1330	1397	1467	1540	1617	1698	1783
2. NO. DEGREES & CERTIFICATES OF ACHIEVEMENT EARNED	4485	4709	4945	5192	5452	5724	6010	6311
3. NO. OF PELL GRANT RECIPIENTS	5453	5453	5453	5453	5453	5453	5453	5453
4. GOING RATES OF PUBLIC AND PRIVATE HIGH SCHOOLS	18.5	19.1	19.6	20.2	20.8	21.4	22.1	22.8
5. EXTRAMURAL FUND SUPPORT (\$ MILLIONS)	43.6	45.8	48.1	50.5	53	55.7	58.4	61.4
6. NO. OF DEGREES IN STEM FIELDS	579	608	638	670	704	739	776	815
7. NO. DEGREES AWARDED IN WORKFORCE SHORTAGE AREAS	251	263	277	290	305	321	336	354
8. NO. TRANSFERS TO 4 YR CAMPUSES	2305	2420	2541	2668	2802	2942	3089	3243
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION	1442	1454	1465	1477	1489	1501	1513	1525
2. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18-24	2327	2420	2517	2618	2722	2831	2944	3062
3. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18+	4036	4197	4365	4540	4722	4910	5107	5311
<b>PROGRAM ACTIVITIES</b>								
1. UNDERGRAD HEADCOUNT ENROLLMENT	24424	26012	27702	29503	31421	33463	35638	37955
2. NO. OF STUDENT SEMESTER HOURS	182221	180055	179783	179498	180004	180703	176675	176675
3. NO. OF CLASSES	3157	3189	3220	3253	3285	3318	3351	3385
4. NO. OF APPLICATIONS FOR ADMISSION	17094	17436	17785	18140	18503	18873	19251	19636
5. NO. OF FINANCIAL AID APPLICATIONS PROCESSED	26548	27875	29269	30733	32269	33883	35577	37356
6. NO. OF NON-CREDIT SPECIAL PROGRAM PARTICIPANTS	23183	23415	23649	23885	24124	24366	24609	24855
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
REVENUES FROM THE USE OF MONEY AND PROPERTY	679	992	992	992	992	992	992	992
REVENUE FROM OTHER AGENCIES: FEDERAL	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737
CHARGES FOR CURRENT SERVICES	68,981	76,061	76,061	76,060	76,060	76,060	76,060	76,060
NON-REVENUE RECEIPTS	1,354	3,416	3,416	3,416	3,416	3,416	3,416	3,416
TOTAL PROGRAM REVENUES	73,751	83,206	83,206	83,205	83,205	83,205	83,205	83,205
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
GENERAL FUNDS	31	31	31	31	31	31	31	31
SPECIAL FUNDS	72,826	81,734	81,734	81,733	81,733	81,733	81,733	81,733
ALL OTHER FUNDS	894	1,441	1,441	1,441	1,441	1,441	1,441	1,441
TOTAL PROGRAM REVENUES	73,751	83,206	83,206	83,205	83,205	83,205	83,205	83,205

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

UOH800: UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

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### **A. Statement of Program Objectives**

To develop eligible individuals to higher levels of intellectual, personal, social, and vocational competency by providing formal vocational and technical training and general academic instruction for certificates or degrees, or in preparation for the baccalaureate; and by offering adult continuing education for both personal and vocational purposes.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, requests are being submitted to: 1) Transfer in 2.00 permanent positions and funding from UOH900 for the Na Pua Noeua Program; 2) Add 25.00 permanent positions and \$2,328,998 in general funds in both FY 24 and FY 25 to address the need for health care professionals statewide; and 3) Add 3.00 permanent positions, \$98,500 in general funds in FY 24, and \$200,250 in general funds in FY 25 for the Health Center at Maui College.

For the capital improvement program (CIP) budget, the following requests are being submitted: 1) \$25,000,000 in general funds in both FY 24 and FY 25 for capital renewal and deferred maintenance for the UH Community College System; and 2) \$20,000,000 in general funds in both FY 24 and FY 25 for minor CIP projects for the UH Community College System.

### **C. Description of Activities Performed**

The UHCC is dedicated to increasing the educational capital of the State, addressing the needs of underserved populations, and revitalizing and expanding the State's economy. The UHCC provides first generation college students, educationally and economically disadvantaged individuals and under-represented groups a gateway for upward mobility, while providing a highly trained and highly skilled workforce for Hawaii industries.

The UHCC offers lower division general education courses to prepare students for transfer to baccalaureate institutions and provides career and technical education degrees and certificates to prepare students for the workforce. The UHCC also offers non-credit courses to meet specific statewide workforce training needs and other enrichment courses for the general community.

The UHCC provides a variety of academic and student support services. These services include library, media, computer and learning labs, academic assessment and advising, financial aid, admission services and record keeping, and special support services for disabled, minority, and second-language students.

The UHCC provides administrative support services at each campus, including budgetary and financial management, personnel administration, facilities and grounds maintenance, and various auxiliary services.

### **D. Statement of Key Policies Pursued**

Key policies drivers include open access, affordable tuition, comprehensive instruction and workforce training, student success, and economic development.

### **E. Identification of Important Program Relationships**

The UHCC continues to work closely with other post-secondary institutions, the counties, other State departments (Departments of Education; Labor and Industrial Relations; Business, Economic Development and Tourism; Human Services; etc.) and various federal agencies. The UHCC also works with Hawaii businesses, professional organizations, labor unions and the community at large to ensure that the services provided are relevant to their current needs.

### **F. Description of Major External Trends Affecting the Program**

UHCC enrollment declined, though not as severely as community colleges nationally. The pandemic disproportionately impacted vulnerable populations who experienced challenges with childcare, finances, navigating online learning environments, unclear job opportunities, and overall stress and uncertainty.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

The UHCC will increase enrollment in future years through a number of action strategies, including: connecting students with essential resources; improving teaching and learning in online and hybrid environments; aligning non-credit to credit pathways to expand access to college degrees and credentials; expanding centralized admissions, recruitment and onboarding support; and utilizing Early College participation to

## Program Plan Narrative

**UOH800: UNIVERSITY OF HAWAII, COMMUNITY COLLEGES**

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increase college going rates and career pathway readiness.

### **H. Discussion of Program Revenues**

General Fund and Tuition and Fees Special Fund: The University's operating budget is a combination of general funds and credit tuition and fees collected through the enactment of Act 161, SLH 1995.

Special Funds: As stated above, the University's operating budget is a combination of general funds and credit tuition and fees collected through the enactment of Act 161, SLH 1995. Previously, tuition revenues were deposited into the general fund and subsequently appropriated to the University.

Federal Funds: The program generates revenues from the Carl D. Perkins Vocational and Applied Technology Education Act and the Federal Work Study Program.

Revolving Funds: Revenues are derived from student activities fees, commercial enterprises, conference activities, and research and training overhead. In addition, revenues are collected from non-credit, summer session, theater, library and vending programs. Based on Act 161, SLH 2000, revenues are also collected from vocational/technical training programs, diploma and transcript fees, parking operations, facilities use fees, and other related activities.

### **I. Summary of Analysis Performed**

Program and course reviews and assessments are conducted to ensure efficient and effective use of limited resources. Tuition revenue estimates are closely monitored and expenditure plans are adjusted to match any changes in the revenue picture.

### **J. Further Considerations**

The UHCC remains steadfast in its commitment to provide open-door, low tuition, quality education and training, and related services to State residents. Continued general fund support will be critical in meeting these commitments.



# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH900  
 PROGRAM STRUCTURE NO: 070307  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, SYSTEMWIDE SUPPORT

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	455.00*	462.00*	449.00*	449.00*	449.0*	449.0*	449.0*	449.0*
	5.00**	5.00**	5.00**	5.00**	5.0**	5.0**	5.0**	5.0**
PERSONAL SERVICES	45,213,489	54,177,273	55,992,292	59,309,142	59,309	59,309	59,309	59,309
OTHER CURRENT EXPENSES	36,620,733	46,790,742	46,417,742	46,417,742	46,418	46,418	46,418	46,418
EQUIPMENT	846,118	2,498,532	2,423,532	2,423,532	2,423	2,423	2,423	2,423
TOTAL OPERATING COST	82,680,340	103,466,547	104,833,566	108,150,416	108,150	108,150	108,150	108,150
BY MEANS OF FINANCING								
	416.00*	423.00*	410.00*	410.00*	410.0*	410.0*	410.0*	410.0*
	1.00**	1.00**	1.00**	1.00**	1.0**	1.0**	1.0**	1.0**
GENERAL FUND	53,323,864	62,041,014	62,603,270	64,728,107	64,728	64,728	64,728	64,728
	20.00*	20.00*	20.00*	20.00*	20.0*	20.0*	20.0*	20.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	14,328,084	21,855,234	22,648,946	23,826,197	23,826	23,826	23,826	23,826
	4.00*	4.00*	4.00*	4.00*	4.0*	4.0*	4.0*	4.0*
	4.00**	4.00**	4.00**	4.00**	4.0**	4.0**	4.0**	4.0**
FEDERAL FUNDS	1,044,364	1,094,875	1,094,875	1,094,875	1,095	1,095	1,095	1,095
	15.00*	15.00*	15.00*	15.00*	15.0*	15.0*	15.0*	15.0*
	**	**	**	**	**	**	**	**
REVOLVING FUND	13,984,028	18,475,424	18,486,475	18,501,237	18,501	18,501	18,501	18,501
CAPITAL IMPROVEMENT COSTS								
PLANS	849,000	1,065,000	1,184,000	1,201,000	801	500		
LAND ACQUISITION	3,708,000							
DESIGN	4,651,000	3,741,000	6,739,000	9,243,000	5,644	4,963	3,024	1,514
CONSTRUCTION	48,849,000	59,905,000	60,716,000	55,346,000	38,756	37,646	21,724	10,864
EQUIPMENT	193,000	192,000	193,000	72,000			2	2
TOTAL CAPITAL EXPENDITURES	58,250,000	64,903,000	68,832,000	65,862,000	45,201	43,109	24,750	12,380
BY MEANS OF FINANCING								
GENERAL FUND				7,502,000	15,001	15,000	15,001	7,496
G.O. BONDS	54,542,000	64,387,000	67,975,000	57,933,000	30,200	28,109	9,749	4,884
REVENUE BONDS	3,708,000	516,000	857,000	427,000				
TOTAL PERM POSITIONS	455.00*	462.00*	449.00*	449.00*	449.0*	449.0*	449.0*	449.0*
TOTAL TEMP POSITIONS	5.00**	5.00**	5.00**	5.00**	5.0**	5.0**	5.0**	5.0**
TOTAL PROGRAM COST	140,930,340	168,369,547	173,665,566	174,012,416	153,351	151,259	132,900	120,530

PROGRAM ID: UOH900  
 PROGRAM STRUCTURE: 070307  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, SYSTEMWIDE SUPPORT

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. DEGREE ATTAINMENT OF NATIVE HAWAIIANS	2400	2515	2636	2762	2895	3034	3180	3333
2. NO. DEGREES & CERTIFICATES OF ACHIEVEMENT EARNED	10695	11187	11702	12241	12806	13397	14016	14665
3. NO. OF PELL GRANT RECIPIENTS	11409	11409	11409	11409	11409	11409	11409	11409
4. EXTRAMURAL FUND SUPPORT (\$ MILLIONS)	505	530.3	556.8	584.6	613.9	644.5	676.8	710.6
5. NO. OF DEGREES IN STEM FIELDS	1753	1830	1911	1995	2083	2175	2271	2371
6. DEFERRED MAINTENANCE BACKLOG	787	462.5	348.8	250.5	141.2	53.9	53.9	53.9
7. NO. TRANSFERS FROM UH 2 YR TO 4 YR CAMPUSES	2305	1990	2047	2107	2170	2236	2306	2379
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION	1442	1454	1465	1477	1489	1501	1513	1525
2. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18-24	4602	4786	4978	5177	5384	5599	5823	6056
3. RES UNDERGRAD DEGREES & CERTS ACHIEVE EARNED 18+	7391	7687	7994	8314	8646	8992	9352	9726
<b>PROGRAM ACTIVITIES</b>								
1. UNDERGRAD HEADCOUNT ENROLLMENT	44289	46289	48754	51377	54169	57142	60309	63684
2. GRAD HEADCOUNT ENROLLMENT	5458	5548	5754	5967	6188	6418	6657	6905
3. NO. OF STUDENT SEMESTER HOURS	477608	489657	491180	494501	498357	502638	496200	496293
4. NO. OF CLASSES	7384	7859	7897	7937	7977	8017	8057	8098
5. NO. OF APPLICATIONS FOR ADMISSION	57730	58786	59541	60361	61253	62228	63297	64473
6. NO. OF FINANCIAL AID APPLICATIONS PROCESSED	74975	78379	80083	81871	83749	85721	87792	89966
7. NO. BACCALAUREATE DEGREES GRANTED	3918	4056	4199	4348	4503	4664	4831	5004
8. NO. OF GRAD & PROFESSIONAL DEGREES GRANTED	1477	1528	1581	1636	1694	1753	1815	1879
9. NO. OF NON-CREDIT SPECIAL PROGRAM PARTICIPANTS	23183	23415	23649	23885	24124	24366	24609	24855
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
REVENUES FROM THE USE OF MONEY AND PROPERTY	955	1,123	1,123	922	922	922	921	919
REVENUE FROM OTHER AGENCIES: FEDERAL	51,923	57,274	55,805	56,324	56,849	56,849	56,849	56,849
CHARGES FOR CURRENT SERVICES	6,162	5,854	5,906	4,644	4,676	4,687	4,686	4,686
NON-REVENUE RECEIPTS	9,397	9,295	9,295	9,295	9,295	9,295	9,295	9,295
TOTAL PROGRAM REVENUES	68,437	73,546	72,129	71,185	71,742	71,753	71,751	71,749
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
GENERAL FUNDS	149	149	149	149	149	149	149	149
SPECIAL FUNDS	16,705	21,321	19,362	17,873	17,873	17,873	17,872	17,870
ALL OTHER FUNDS	51,583	52,076	52,618	53,163	53,720	53,731	53,730	53,730
TOTAL PROGRAM REVENUES	68,437	73,546	72,129	71,185	71,742	71,753	71,751	71,749

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

**UOH900: UNIVERSITY OF HAWAII, SYSTEMWIDE SUPPORT**

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### **A. Statement of Program Objectives**

- a. To facilitate the operation of the institution as an organization providing executive management, fiscal, logistical, career and technical education, student assessment, and other related student, academic, and administrative support services across the ten-campus University of Hawaii System.
- b. To plan and administer certain post-secondary education programs funded by the federal government.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, requests are being submitted to: 1) Transfer 7.00 permanent Information Technology (IT) and cybersecurity positions and funding to UOH100 and UOH210; 2) Transfer 6.00 permanent positions and funding to UOH100, UOH210, UOH700, and UOH800, for the Na Pua No'eau Program; and 3) Add \$5,086,848 in general funds in both FY 24 and FY 25 to offset program review reductions.

For the capital improvement program budget, a request is being submitted for \$20,000,000 in general obligation bond funds and \$30,000,000 in general funds in both FY 24 and FY 25 to renew, improve, and modernize UH facilities.

### **C. Description of Activities Performed**

- a. Provide the vision, leadership, and stewardship to enable campuses to advance their distinctive missions through policy formulation and systemwide planning, coordination, and management of human resource, financial, capital improvement, IT, and legal counsel areas.
- b. Provide systemwide direction to meet State needs as the sole public institution of higher education in the State through three strategic initiatives: Hawaii Graduation Initiative (HGI), Hawaii Innovation Initiative (HI2), 21st Century Facilities (21CF), and High Performance Mission-Driven System (HPMS).
- c. Examples of strategic, academic, budget, and long-range development planning activities include, but are not limited to, the establishment of strategic outcomes goals, tuition setting, financial assistance, articulation

and transfer, distance education, budget funding models, technology transfer and capital improvement projects.

- d. Centralized services maintain systemwide databases to meet operational and reporting needs in the student, human resource, and financial areas.

e. Other activities include fostering State interagency partnerships with early childhood, K-12, and workforce and labor through the Hawaii P-20 Partnerships for Education; statewide planning and implementation of career/technical education services pursuant to the Carl D. Perkins Career and Technical Education Act of 2006; and participation in the Western Interstate Commission on Higher Education (WICHE) which provides admissions preference for Hawaii students in other participating States' programs which are not available in Hawaii.

### **D. Statement of Key Policies Pursued**

- a. The key policies pursued are those expressed by Board of Regents policy, State and federal statutes, and the State Master Plan for Vocational Education; as well as those consistent with the legislated powers of the State Post-Secondary Education Commission.
- b. Additionally, economic conditions and technological innovation will influence employment and career opportunities, thereby affecting the University's ability to integrate academic and career/technical education.

### **E. Identification of Important Program Relationships**

- a. The significant relationships between this program and non-State programs are those with the private colleges which provide supplemental services; the federal government which provides categorical aid to this program; business and labor which provide career and employment opportunities in support of vocational education; and business partnerships as we develop entrepreneurial alternatives to revenue generation.

### **F. Description of Major External Trends Affecting the Program**

- a. The declining educational attainment of Americans, particularly young adults between the ages of 25 to 34, relative to our international

## Program Plan Narrative

**UOH900: UNIVERSITY OF HAWAII, SYSTEMWIDE SUPPORT**

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counterparts, is of national concern. There is a growing consensus that the country's economic recovery is being hindered by a lack of workers with the advanced skills and knowledge demanded in today's global marketplace (A Stronger Nation through Higher Education, Lumina Foundation, September 2010). Policymakers at the national, State, and institutional levels are seeking ways to increase the proportions of adults with two- or four-year postsecondary degrees and certificates.

b. National organizations such as Complete College America, Access to Success, and Achieving the Dream are dedicated to increasing completion rates and closing participation and attainment gaps for underrepresented populations (minority, low income) and returning adults. These organizations provide UH's HGI with planning and implementation support. Support includes access to national experts that share best practices from across the nation. HGI employs a combination of campus and system strategies to increase retention and reduce time to degree.

c. While institutions are focusing their strategies on serving a diverse range of students (i.e., different race/ethnicity, ages, economic and social backgrounds), they face increasing financial challenges, including those associated with higher salaries and healthcare, greater campus security requirements, more remedial help for struggling students, and declining enrollments, particularly at two-year institutions, due to a stronger economy attracting young adults directly into the workforce.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

a. Delegation to the University for workers' compensation and unemployment insurance compensation costs are particular noteworthy. The delegation has resulted in substantial additional financial burden to all programs University-wide as the University is forced to absorb these entitlement costs within current funding levels. The financial impact has the potential to compromise the University's missions of teaching, research, and community service.

b. The ever-increasing demand for student, personnel, fiscal, program and facility management, and IT to serve internal needs and external reporting mandates continues to strain institutional capacity. The use of technology has increased efficiency and effectiveness but must eventually be supplemented with additional analytical and technical expertise to meet the growing demand for data and analysis.

### **H. Discussion of Program Revenues**

a. Program revenues are derived from research and training overhead, commercial enterprise activities, and commercial value through technology transfer.

### **I. Summary of Analysis Performed**

This section is not applicable.

### **J. Further Considerations**

None.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH115  
 PROGRAM STRUCTURE NO: 070309  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, CANCER CENTER

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	0.00*	0.00*	37.00*	37.00*	37.0*	37.0*	37.0*	37.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	3,216,962	3,237,959	4,466,369	4,703,285	4,703	4,703	4,703	4,703
TOTAL OPERATING COST	3,216,962	3,237,959	4,466,369	4,703,285	4,703	4,703	4,703	4,703
BY MEANS OF FINANCING								
	*	*	37.00*	37.00*	37.0*	37.0*	37.0*	37.0*
	**	**	**	**	**	**	**	**
GENERAL FUND	3,216,962	3,237,959	4,466,369	4,703,285	4,703	4,703	4,703	4,703
TOTAL PERM POSITIONS	*	*	37.00*	37.00*	37.0*	37.0*	37.0*	37.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	3,216,962	3,237,959	4,466,369	4,703,285	4,703	4,703	4,703	4,703

PROGRAM ID: UOH115  
 PROGRAM STRUCTURE: 070309  
 PROGRAM TITLE: UNIVERSITY OF HAWAII, CANCER CENTER

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. EXTRAMURAL FUND SUPPORT (\$ MILLIONS)	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2. EXTRAMURAL EDUCATIONAL SUPPORT (\$ MILLIONS)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
3. NO. OF CLINICAL TRIALS ACTIVE	152	152	152	152	152	152	152	152
4. NO. OF PEER-REVIEWED PUBLICATIONS	260	260	260	260	260	260	260	260
<b>PROGRAM TARGET GROUPS</b>								
1. TOTAL STATE POPULATION (IN THOUSANDS)	1442	1454	1465	1477	1489	1501	1513	1525
2. NO. OF CANCER CENTER MEMBERS (NCI-DESIGNATION)	70	68	68	68	68	68	68	68
3. NO. OF COLLABORATING MEMBERS	25	27	27	27	27	27	27	27
4. NO. OF CLINICAL MEMBERS	82	84	84	84	84	84	84	84
5. NO. OF GRADUATE AND PROFESSIONAL TRAINEES	55	67	67	67	67	67	67	67
6. NO. OF UNDERGRADUATE TRAINEES	18	18	18	18	18	18	18	18
7. NO. OF POSTDOC TRAINEES	22	19	19	19	19	19	19	19
<b>PROGRAM ACTIVITIES</b>								
1. NO. OF TOTAL PUBLICATION	285	285	285	285	285	285	285	285
2. NO. OF CLINICAL TRIALS ACCRUALS	821	821	821	821	821	821	821	821
3. NO. OF PEER-REVIEWED GRANTS FUNDED	105	105	105	105	105	105	105	105

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

UOH115: UNIVERSITY OF HAWAII, CANCER CENTER

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### **A. Statement of Program Objectives**

The mission of the University of Hawaii Cancer Center (UHCC) is to reduce the burden of cancer through research, education, patient care and community outreach with an emphasis on the unique ethnic, cultural and environmental characteristics of Hawaii and the Pacific. To accomplish this mission, UHCC is organized into two cancer research programs: Population Sciences in the Pacific (PSP) and Cancer Biology (CB). Programs are each organized with two components spanning the study of basic mechanism and etiologies of cancer to addressing targets and interventions in order to translate discovery to the population it serves. To facilitate successful attainment of research goals, UHCC supports shared resources and core research facilities: Analytical Biochemistry, Biostatistics, Chemical Biology, Genomics and Bioinformatics, Metabolomics, Microscopy and Imaging, Nutrition Support, and Pathology. Research programs, education and training across the lifespan, community outreach, public health, and clinical trial interventions are targeted toward cancers of importance in the catchment area.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

For the operating budget, requests are being submitted to: 1) Add \$1,000,000 in general funds in both FY 24 and FY 25 to restore funding for unfunded positions; and 2) Transfer in 37.00 permanent positions counts from UOH100.

### **C. Description of Activities Performed**

The Population Sciences in the Pacific (PSP) research concentrates on lifestyles, behavioral factors, genetic susceptibility, and cancer prevention. Its mission is to investigate racial/ethnic differences in cancer as a means to: a) identify risk factors for cancer development or progression; b) elucidate mechanisms; c) develop interventions to prevent cancer or improve treatment adherence and survival; and d) ameliorate ethnic disparities in exposure and disease outcome. To achieve the goals, PSP members study risk factors related to cultural differences, environmental hazards, behaviors, and modifiable lifestyle factors (diet, physical activity, tobacco smoking, e-cigarette use, betel nut chewing, cultural values about health information and resources). They also investigate genetic susceptibility to cancer and molecular alterations in

epigenetics, metabolomics and microbiome, and further examine their interactions with environmental and lifestyle factors in relation to cancer risk and survival. They are especially interested in cancer sites that vary substantially in frequency or survival by race and ethnicity, as well as in risk factors and behaviors that are modifiable through intervention.

The goal of the Cancer Biology (CB) Program is to positively impact cancer incidence and mortality in Hawaii and the larger Pacific through highly collaborative and integrated research in cancer genetics, gene-environment interactions, tumor microenvironment, and diagnostic and therapeutic development. Focus of the program remains in our catchment area, which includes: high incidence cancers in Hawaii in the adult (breast, liver, colorectal cancer) and the pediatric population (glioblastoma and neuroblastoma as the most frequent solid tumors in Hawaiian children), cancers resulting from environmental exposures (mesothelioma), and cancer-related conditions with higher mortality in the Hawaiian population (cancer-related sepsis). Additionally, reflecting our geographical location, the program fosters research on natural products from the local, endemic species to discover chemical probes for studying cancer molecular pathways. To a significant extent, interventional clinical research is focused on the catchment area populations and the existing cancer outcome disparities across these populations.

The Clinical Trials Office (CTO) provides clinical protocol and data management, protocol reviews, budgeting and regulatory functions for all sites across the UHCC network (Hawaii Cancer Consortium, HCC). The CTO provides a central location for cancer protocols, a centralized database of protocol-specific data, an updated list of currently active protocols for use by center investigators, and status reports of protocols. Quality control and training functions that are tracked include: Centralized education services for clinical research associates (CRAs) and data managers; data auditing of patient accrual, assessment of patient eligibility, timely submission of study data, and other study compliance measures; and data and safety monitoring activities that ensure the safety of study participants. The UHCC Office of Compliance compliments these functions and focuses on data safety and monitoring, quality assurance, and protocol audit activities.

The UHCC Cancer Research Training (CRT) core coordinates research education and training activities at the Cancer Center by 1) developing

## Program Plan Narrative

UOH115: UNIVERSITY OF HAWAII, CANCER CENTER

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and deploying innovative education initiatives to train cancer researchers at all career levels in the catchment area; 2) increasing skills in cancer research through programs appropriate to different career levels; and 3) assessing success of training activities through evaluation by stage-specific metrics.

Community Outreach and Engagement (COE) facilitates activities across UHCC programs aimed at addressing cancers of particular importance to the catchment area because of increased incidence or mortality, including cancer disparities affecting disadvantaged populations, through community engagement and education, and through innovative clinical, basic science, population-based and translational research.

Shared Resources and Core Research Facilities provide essential scientific and technical services to the Cancer Biology and Population Sciences in the Pacific programs. They include Analytical Biochemistry, Biostatistics, Genomics and Bioinformatics, Metabolomics, Microscopy, Nutrition Support, Pathology, and Chemical Biology.

### **D. Statement of Key Policies Pursued**

#### **Programs**

Funding from the state and other sources provide the infrastructure to enable federally funded cancer research, with the goal of reducing the burden of cancer in Hawaii and the Pacific.

#### **Population Sciences in the Pacific (PSP)**

Research conducted by PSP members and their education and training efforts have made significant impact in the catchment area towards preventing cancer and reducing cancer-related disparities. The Research focus area include:

- \* Effects of e-cigarette use on respiratory disorders, especially the disparities faced by Native Hawaiians in terms of high e-cigarette use.
- \* Tobacco, e-cigarette, and betel nut use prevention intervention for youths in Guam, and potentially, other parts of the U.S. Affiliated Pacific Islands (USAPI).

\* Healthy dietary habits that are culturally appropriate and sustainable for Asian-Americans.

\* Sunscreen utilization in Hawaii, which will help shape the development of regulations on sunscreens.

\* Increased awareness and utilization of mammography screening, clinical trials, human papillomavirus (HPV) vaccination uptake, and colorectal screening in Hawaii, Guam and other USAPI jurisdictions, including American Samoa.

#### **Cancer Biology (CB)**

The CB program is organized into two overarching themes corresponding to the specific aims: Cancer Mechanisms and Targets (CMT) and Translational and Clinical Research (TCR). CMT will identify cellular and molecular mechanisms, and inflammatory events involved in carcinogenesis, gene-environment interactions, and metastasis. Moreover, CMT will interrogate new molecular targets, develop new chemical probes from the natural products isolated from the local endemic organisms of the land or oceans of Hawaii and the Pacific region, and assess their efficacy for therapeutic purposes. Areas of study include gene and environment interactions in carcinogenesis, molecular disparities research, DNA (deoxyribonucleic acid) and repair mechanisms, calcium channel biology, oncogenes and tumor suppressor genes, and metastasis. TCR will focus on translating molecular discoveries into improved predictive and prognostic biomarkers that can be developed as clinical diagnostics for early detection of cancer. Moreover, TCR will translate discoveries into interventions driven by the cancer disparities and the unique cultural and genetic background of our catchment area patient population.

#### **Clinical Trials Office**

CTO supports clinical investigations conducted through community-based providers. This community-facing, community-engaged approach facilitates transformative research in cancer prevention, cancer screening and cancer epidemiology, and facilitates the opportunity to address cancer outcomes disparities among specific racial and ethnic groups, especially Native Hawaiians.



## Program Plan Narrative

**UOH115: UNIVERSITY OF HAWAII, CANCER CENTER**

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The Regulatory Management team provides centralized regulatory management for facilitating, coordinating and reporting on clinical trials. The regulatory team prepares all applications, document submissions and consent forms, working with investigators and/or study sponsors to ensure regulatory affairs are conducted in compliance with applicable local, State, and federal regulations, medical and legal regulations, and institutional policies.

Fiscal services and CTO financial team provide fiscal support and works collaboratively with sponsors, investigators, subjects, faculty and staff to offer centralized, integrated and flexible financial management of clinical trials by providing financial analysis and resource management services. Budget negotiation for industry trials is conducted in collaboration with an Office of Research Services grants specialist dedicated to UHCC.

Clinical protocol and data management staff provide a core of clinical/technical expertise and resources needed for supporting the conduct of the trials in Hawaii's community-based practice setting. CRAs are assigned to specific practice locations and as the primary contact for enrollment and study activities. CRAs act as liaisons between local physicians, cooperative group personnel, regulatory management and compliance personnel.

The CTO provides centralized training and continuing education services for personnel involved in Hawaii's cancer clinical trials enterprise. The core training and continuing education of clinical research workers addresses understanding cancer as a disease and the knowledge of good clinical research practices to ensure compliance with all regulatory requirements.

### Cancer Research Training

A key element of review of the National Cancer Institute (NCI) Designation is Cancer Research Education and Training. As such, we have a team fully engaged in development and operations of educational and career training programs at all career stages. Our faculty has potent impact for UH undergraduate and graduate students by working with units across UHM to provide new educational opportunities and contribute to ongoing programs

High School Students. Outreach to Hawaii high schools is important and UHCC has offered internships in the past under the Continuing Umbrella of Research Experiences (CURE) Program supplement targeting high schools in areas with a high proportion of minority students. We currently work with local high schools to have our researchers do visits to provide an overview of their research areas and the life of a scientist. This is coordinated with COE as part of the Speakers Hui Program.

The Cancer Center has conducted a very successful Summer Internship Program for high school and undergraduate students for many years. We will continue to offer research internships for undergraduate trainees and increase our impact on high school education by adding new training opportunities for science teachers and outreach activities to schools and parents. By engaging, inspiring, and training ethnically diverse cancer professionals, we will position the Cancer Center to better address the lack of diversity in the biomedical workforce.

Undergraduates. For many years, the annual Summer Internship programs at UHCC has offered cancer research training to Hawaii undergraduates. Since 2018, the program has received 307 applications and 67 (22%) students were admitted. Through this program, UHCC has been instrumental in opening access to research experiences to a broader range of ethnically and socioeconomically diverse and academically outstanding underrepresented minority students.

Graduate Students. Master's and doctoral candidates at UHCC are funded by research grants, internal funds, federally funded training programs, and international fellowships. UH Manoa students come from diverse UH programs including Cell and Molecular Biology (CMB), Clinical and Translational Research, Developmental and Reproductive Biology, Molecular Biosciences and Engineering, Chemistry, Human Nutrition, and Public Health Studies. As our faculty are internationally recognized for their research, they host students from around the world, primarily Europe and Japan who work at UHCC while being supported by grants from their home institutions/nations.

Cancer Center faculty provide graduate students and postdoctoral associates with hands-on research experience in cancer biology and population sciences. This is accompanied by focused journal clubs, seminars, symposia, and data clubs to enhance their career training and

## Program Plan Narrative

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create a community of young scientists in which ideas can be readily shared. In addition, the Cancer Center's researchers are active in several graduate education programs throughout UH. We will further develop cancer research tracks within these programs with specific cancer courses and requirements.

We will strengthen and standardize junior faculty mentoring across programs, nurture catchment focused "Affinity Groups" as a forum for collaboration across disciplines and maintain our robust seminar series and symposia. We will further expand our CME crediting for these seminars and symposia and open these to the community as appropriate. Finally, we will provide clinical trials training to medical students and private practitioners in the catchment area.

### Community Outreach and Engagement

To complement governmental data (e.g., NCI, Behavioral Risk Factor Surveillance System (BRFSS)), UHCC has developed, for many decades, additional sources of information focusing on specific minorities or health issues important in our catchment area. The Hawaii Tumor Registry (HTR) has provided cancer incidence and mortality rates for Hawaii ethnic/racial groups since 1960 and has been operated by UHCC since it became a member of the Surveillance, Epidemiology, and End Results (SEER) Program at its inception in 1973. HTR publishes updated ethnic/racial specific rates every five years, the most recent ones being for 2012-2016. Furthermore, the Multi-Ethnic Cohort (MEC), a federally funded study following 215,000 participants for 30 years, is the only sizable study of Native Hawaiians and the only prospective study with large numbers of Asians, Pacific Islanders and Hispanics in the nation. It has provided detailed data (including temporal trends) on risk factors (smoking, obesity, diet, physical activity, screening behaviors) and chronic disease incidence and mortality for five major ethnic groups (Native Hawaiians, Japanese Americans and whites mostly from Hawaii; African Americans and Latinos in Los Angeles). MEC has provided key data on socio-behavioral and biological determinants of ethnic/racial disparities in cancer risk and survival in our catchment area and in the U.S.

Specific community-based surveys are conducted to address emerging health issues such as smoking and e-cigarette use in public schools, the

importance of social media in the marketing of e-cigarette products to youth. These data have also been important in informing the U.S. Food and Drug Administration (FDA) regulation of tobacco products, which is currently being strengthened.

With the establishment of the Pacific Regional Central Cancer Registry for the Cancer Council of the Pacific Islands, detailed information on the incidence and mortality from different types of cancer is now available. This facilitates the development of public health and cancer control initiatives to reduce the burden of cancer in the Pacific Islands.

### Shared Resources and Core Research Facilities

Shared Resources and Core Facilities provide research support through scientific expertise and technology to the UH Cancer Center members. Accessibility to resources for laboratory analysis, data acquisition, study design, and data analysis are essential for cancer research. Few of these services are readily available in Hawaii due to its small size and geographic isolation. Therefore, it is crucial that UHCC provides essential services through local Shared Resources and Core Facilities.

The Analytical Biochemistry Shared Resource (ABSR) facility provides easily accessible, cost-effective and accurate chemical analyses for molecules relevant to cancer research to UHCC investigators including consortium members. No other laboratories in the State of Hawaii (or in the entire Western Pacific region) are available to perform the needed services due to the availability of several state-of-the-art equipment, the unique ability to simultaneously measure analytes that saves cost and most valuable sample material, and the exquisite expertise in analyte determination. The ABSR serves as the base for consultation related to analyte quantitation and strategies in analytical chemistry in addition to providing services and expertise in advanced methods for the determination of biomarkers, metabolites, or any organic chemicals using routine clinical chemistry, specialized mass spectrometry (MS) or single/multiplexed immunoassays including those utilizing Luminex technology for cost-effective analyses.

The Biostatistics Shared Resource (BSR) provides support and consultation for all quantitative aspects of research, including study design issues, grant and protocol review, data management, systems

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development, data processing, data analysis, and manuscript preparation. Collaboration ranges from short-term advice to substantive input on projects, including serving as co-investigators and key personnel on research grants. The UHCC BSR is unique in that it can provide insight and support for studies of multiethnic populations, as well as of populations of the Pacific.

The Chemical Biology Shared Resource (CBSR) provides services that leverage four key resources: a 600 MHz NMR Facility (NMR), a Screening Core Facility (SCF), Natural Product Library (NPL), and a Tumor Cell Collection. These resources are integrated into a single operation due to their value in chemical probe development and drug discovery activities. The NPL serves as a source of chemical lead compounds, and has been augmented by a growing collection of small synthetic molecules; the SCF is the platform for screening and discovery of probe hits that can then be tested against specific tumor cells from the Tumor Cell Collection. The high field NMR spectrometer is used to determine the chemical structures of new compounds in the NPL for which promising activity has been determined.

The Genomics and Bioinformatics Shared Resource (GBSR) provides a wide array of genomics and bioinformatics support to UHCC investigators at all different phases of their projects: at design, planning, execution, analysis and interpretation of results. GBSR supports molecular genomics related needs for population-based studies that take advantage of the genetic heterogeneity of the Hawaii multiethnic populations, as well as emerging basic science and translational studies that utilize the natural plant and ocean-based compounds in the catchment area. The ultimate goal of the GBSR is to facilitate the translation of the cancer-related genomic information into new knowledge about cancer etiology, prevention and treatment, especially for cancers that are relevant to Hawaii.

The Metabolomics Shared Resource (MeSR) provides expert advice, consultation, and technical support services to enable use of advanced metabolomics and bioinformatics technologies for studies spanning the entire range of cancer research requiring measurements of endogenous metabolites to discover associations with biological outcomes or disease risk and ensure the consistency and relevance of in vitro models. These studies span various genetic mutations to "lifestyle" exposures (diet,

smoking) and natural product interventions. Mass spectroscopic (MS)-based metabolic profiling approaches help understand how metabolome of mammalian biofluids (serum/plasma or urine), tumor tissues, cell lines (lysates) alter as a result of metabolic transformation in cancer.

The Microscopy and Imaging Core Facility (MICF) enables researchers to analyze or process their samples in a wide variety of ways, including high resolution optical sectioning of fixed cells and tissues, time-lapse imaging of living cell cultures, non-invasive monitoring of tumor formation in whole organisms, and extracting specific cells of interest from tissue sample slides or cell suspensions. The MICF also has two flow cytometers available to enable researchers to analyze suspensions of cells for their differences in protein expression, gene expression, or cell morphology.

The Nutrition Support Shared Resource (NSSR) helps to understand mechanisms and pathways related to dietary intakes and their direct impact on cancer. The NSSR contributes to the scientific process of elucidating best practices with regard to lifestyle recommendations associated with dietary intake and diet quality. The NSSR assists researchers along the evidence continuum from laboratory/clinical to practice based research through exploration and quantification of diets influenced by the diverse backgrounds of the residents of Hawaii and the Pacific. The NSSR maintains a unique database which includes foods unique to Hawaii and the Pacific.

The Pathology Core Facility (PCF) provides pathology and histology services including tissue processing and embedding, sectioning, staining, immunohistochemistry, in situ hybridization, DNA extraction, and tissue microarray slides. Tissue procurement includes retrieval of archived specimens from medical facilities and the Tissue Repository and the prospective collection of fresh or fresh-frozen specimens from medical facilities. Shared Resource staff work directly with the investigator and hospital staff to facilitate specific collection requirements. Technical consultation is available for protocol development and other individualized technical needs that fall outside the scope of routine tissue procurement and histology services.

### **E. Identification of Important Program Relationships**

The UH Cancer Center is an organized research unit within the University of Hawaii. However, any researcher working on cancer across the UH

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System can be a fully engaged Cancer Center Member with access to the Shared Resources and Cores of the Center as well as all symposia and programmatic meetings. Many of these members are also in leadership positions or hold Chair appointments within the Center. This comprises the "Matrix" component of our activities and is essential in our synergistic and collaborative initiatives across UH. For example, we have Full and Associate members whose faculty lines are in JABSOM, the College of Tropical Agriculture and Human Resources, the Thompson School of Social Work and Public Health, Nursing, Engineering, Chemistry, Kinesiology, Communicology, Pharmacy (Hilo), and at the University of Guam and in American Samoa. In addition, another 200 affiliate members are engaged with the Center through its clinical partners: Adventist Health Castle, Hawaii Medical Service Association, Hawaii Pacific Health, Kuakini Medical Center, The Queen's Health Systems, and JABSOM, which together form the Hawaii Cancer Consortium. Indeed, our clinical trials work is completely integrated with these partners with doctors that work in each engaged in evaluation and review of clinical trials in our cancer center CTO committees. The doctors that engage in conducting these Center sponsored clinical trials are further insured by the Cancer Center through the Doctors Group. In addition to clinical trials support we also provide nurse practitioners that work in the hospitals and support the academic activity in recruitment of several Academic Clinicians and Physician-Scientists who have clinical work in the partner hospitals. Our structure as an organized research unit (ORU) enables our tremendous flexibility to break silos across UH and the state and work with various programs to help support their education, research, clinical, and community outreach activities as they relate to cancer. This spans from co-recruitments, teaching in the lab and the lecture hall, to research and education grants and collaborations.

### F. Description of Major External Trends Affecting the Program

#### Cigarette Tax Funding

Cigarette Tax allocation which funds the Cancer Research Special Fund is derived from 2 cents of the current 16 cents State tax on each cigarette sold in Hawaii. The Legislature initiated this funding source allocation in 2006, primarily to build the Cancer Center building and fund strategic initiatives. At the time, this tax generated \$20 million in the first year. As the Cancer Center, along with other advocates, were successful in smoking cessation programs, this source of funding has declined each

year thereafter, resulting in less than \$11 million allocated last year, a decline of 11% over the previous year. This revenue will likely continue to reduce at least 5% per year as long as there is no other source of funding found, such as increasing the per-cigarette tax allocation to this fund. Regardless, this funding is a structurally diminishing source of funding, and alternative resources should be obtained in order to maintain into the future the essential operations of the State's only academic cancer center.

### G. Discussion of Cost, Effectiveness, and Program Size Data

The following Costs, Measures of Effectiveness and Program Size are being tracked for this newly budgeted Program.

#### Measures of Effectiveness:

- \* Extramural Research Fund Support (\$ millions per fiscal year (FY))
- \* Extramural Educational Support (\$ millions per FY)
- \* No. of Clinical Trials Active
- \* No. of Peer-reviewed Publications

#### Program Size Indicators:

- \* Total State Population (in thousands)
- \* No. of Cancer Center Members (as defined by NCI-designation)
- \* No. of Collaborating Members
- \* No. of Clinical Members (Physicians at clinical sites involved in clinical research)
- \* No. of Graduate and Professional Trainees
- \* No. of Undergraduate Trainees
- \* No. of Postdoc Trainees

### H. Discussion of Program Revenues

The primary source of revenue (other than State allocations) for UH Cancer Center are extramural funding, predominately from federal sources (National Institutes of Health). Extramural funding is used to conduct research within the Center, but also supports some of the infrastructural aspects of research. As more faculty will be recruited in the next few years, we expect extramural funding to increase to support the acquired research projects. Extramural research is an important metric when it comes to NCI-designation. A Cancer Center is expected to meet

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metrics on number of research projects as well as dollars of peer-reviewed cancer-related funding portfolio.

One area of extramural funding needing attention is the lack of pharmaceutical industry supported clinical trials being performed in the UH Cancer Center network. Currently, the clinical trials portfolio consists predominantly of cooperative group trials, supported by NCI programs. As these trials are essential to patients in Hawaii and an important metric for NCI-designation, funding for industry trials are more remunerative and would offset the support of CTO operations currently funded by infrastructure grants and internal funds. After construction is completed on the new Early Phase Clinical Research Center, Early Phase Clinical Trials are expected to grow into a major new revenue source for the Center.

### **I. Summary of Analysis Performed**

None.

### **J. Further Considerations**

None.

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO: 08  
PROGRAM TITLE: CULTURE AND RECREATION

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	16.00*	16.00*	16.00*	16.00*	16.0*	16.0*	16.0*	16.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	1,066,670	3,140,030	3,179,200	3,218,077	3,218	3,218	3,218	3,218
OTHER CURRENT EXPENSES	939,629	2,086,418	2,086,418	2,086,418	2,086	2,086	2,086	2,086
EQUIPMENT		125,000	125,000	125,000	125	125	125	125
TOTAL OPERATING COST	2,006,299	5,351,448	5,390,618	5,429,495	5,429	5,429	5,429	5,429
BY MEANS OF FINANCING								
	9.00*	9.00*	9.00*	9.00*	9.0*	9.0*	9.0*	9.0*
	**	**	**	**	**	**	**	**
GENERAL FUND	671,749	837,808	876,978	915,855	916	916	916	916
	7.00*	7.00*	7.00*	7.00*	7.0*	7.0*	7.0*	7.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	727,473	3,517,141	3,517,141	3,517,141	3,517	3,517	3,517	3,517
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
REVOLVING FUND	607,077	996,499	996,499	996,499	996	996	996	996
CAPITAL IMPROVEMENT COSTS								
PLANS	36,000	36,000	36,000	15,000				
DESIGN	72,000	72,000	72,000	30,000				
CONSTRUCTION	48,000	48,000	48,000	6,000				
TOTAL CAPITAL EXPENDITURES	156,000	156,000	156,000	51,000				
BY MEANS OF FINANCING								
G.O. BONDS	156,000	156,000	156,000	51,000				
TOTAL PERM POSITIONS	16.00*	16.00*	16.00*	16.00*	16.0*	16.0*	16.0*	16.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,162,299	5,507,448	5,546,618	5,480,495	5,429	5,429	5,429	5,429

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID:  
PROGRAM STRUCTURE NO: **0801**  
PROGRAM TITLE: **CULTURAL ACTIVITIES**

PROGRAM EXPENDITURES	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	16.00*	16.00*	16.00*	16.00*	16.0*	16.0*	16.0*	16.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	1,066,670	3,140,030	3,179,200	3,218,077	3,218	3,218	3,218	3,218
OTHER CURRENT EXPENSES	939,629	2,086,418	2,086,418	2,086,418	2,086	2,086	2,086	2,086
EQUIPMENT		125,000	125,000	125,000	125	125	125	125
TOTAL OPERATING COST	2,006,299	5,351,448	5,390,618	5,429,495	5,429	5,429	5,429	5,429
BY MEANS OF FINANCING								
	9.00*	9.00*	9.00*	9.00*	9.0*	9.0*	9.0*	9.0*
	**	**	**	**	**	**	**	**
GENERAL FUND	671,749	837,808	876,978	915,855	916	916	916	916
	7.00*	7.00*	7.00*	7.00*	7.0*	7.0*	7.0*	7.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	727,473	3,517,141	3,517,141	3,517,141	3,517	3,517	3,517	3,517
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
REVOLVING FUND	607,077	996,499	996,499	996,499	996	996	996	996
CAPITAL IMPROVEMENT COSTS								
PLANS	36,000	36,000	36,000	15,000				
DESIGN	72,000	72,000	72,000	30,000				
CONSTRUCTION	48,000	48,000	48,000	6,000				
TOTAL CAPITAL EXPENDITURES	156,000	156,000	156,000	51,000				
BY MEANS OF FINANCING								
G.O. BONDS	156,000	156,000	156,000	51,000				
TOTAL PERM POSITIONS	16.00*	16.00*	16.00*	16.00*	16.0*	16.0*	16.0*	16.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,162,299	5,507,448	5,546,618	5,480,495	5,429	5,429	5,429	5,429

# OPERATING AND CAPITAL EXPENDITURES

REPORT: P61-A

PROGRAM ID: UOH881  
 PROGRAM STRUCTURE NO: 080101  
 PROGRAM TITLE: AQUARIA

## PROGRAM EXPENDITURES

	IN DOLLARS				IN THOUSANDS			
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
OPERATING COST	16.00*	16.00*	16.00*	16.00*	16.0*	16.0*	16.0*	16.0*
	0.00**	0.00**	0.00**	0.00**	0.0**	0.0**	0.0**	0.0**
PERSONAL SERVICES	1,066,670	3,140,030	3,179,200	3,218,077	3,218	3,218	3,218	3,218
OTHER CURRENT EXPENSES	939,629	2,086,418	2,086,418	2,086,418	2,086	2,086	2,086	2,086
EQUIPMENT		125,000	125,000	125,000	125	125	125	125
TOTAL OPERATING COST	2,006,299	5,351,448	5,390,618	5,429,495	5,429	5,429	5,429	5,429
BY MEANS OF FINANCING								
	9.00*	9.00*	9.00*	9.00*	9.0*	9.0*	9.0*	9.0*
	**	**	**	**	**	**	**	**
GENERAL FUND	671,749	837,808	876,978	915,855	916	916	916	916
	7.00*	7.00*	7.00*	7.00*	7.0*	7.0*	7.0*	7.0*
	**	**	**	**	**	**	**	**
SPECIAL FUND	727,473	3,517,141	3,517,141	3,517,141	3,517	3,517	3,517	3,517
	*	*	*	*	*	*	*	*
	**	**	**	**	**	**	**	**
REVOLVING FUND	607,077	996,499	996,499	996,499	996	996	996	996
CAPITAL IMPROVEMENT COSTS								
PLANS	36,000	36,000	36,000	15,000				
DESIGN	72,000	72,000	72,000	30,000				
CONSTRUCTION	48,000	48,000	48,000	6,000				
TOTAL CAPITAL EXPENDITURES	156,000	156,000	156,000	51,000				
BY MEANS OF FINANCING								
G.O. BONDS	156,000	156,000	156,000	51,000				
TOTAL PERM POSITIONS	16.00*	16.00*	16.00*	16.00*	16.0*	16.0*	16.0*	16.0*
TOTAL TEMP POSITIONS	**	**	**	**	**	**	**	**
TOTAL PROGRAM COST	2,162,299	5,507,448	5,546,618	5,480,495	5,429	5,429	5,429	5,429



PROGRAM ID: UOH881  
 PROGRAM STRUCTURE: 080101  
 PROGRAM TITLE: AQUARIA

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
<b>MEASURES OF EFFECTIVENESS</b>								
1. ATTENDANCE WHERE FEES ARE CHARGED (THOUSANDS)	150	200	300	320	350	350	350	350
2. ATTENDANCE BY ORGANIZED SCHOOL GROUPS (THOUSANDS)	10	27	27	27	30	30	30	30
3. RATING BY ATTENDEES (SCALE 1-10)	9	9	9	9	9	9	9	9
<b>PROGRAM TARGET GROUPS</b>								
1. AQUARIUM VISITORS (THOUSANDS)	160	200	300	320	350	350	350	350
<b>PROGRAM ACTIVITIES</b>								
1. AQUARIUM VISITORS - TOTAL (THOUSANDS)	160	200	300	320	350	350	350	350
2. ADULTS (THOUSANDS)	132	200	265	265	265	265	265	265
3. CHILDREN - FREE (THOUSANDS)	17	30	30	30	30	30	30	30
<b>PROGRAM REVENUES BY TYPE (IN THOUSANDS of DOLLARS)</b>								
CHARGES FOR CURRENT SERVICES	1,654	1,810	2,011	2,011	2,211	2,311	2,311	2,311
TOTAL PROGRAM REVENUES	1,654	1,810	2,011	2,011	2,211	2,311	2,311	2,311
<b>PROGRAM REVENUES BY FUND (IN THOUSANDS of DOLLARS)</b>								
SPECIAL FUNDS	1,654	1,810	2,011	2,011	2,211	2,311	2,311	2,311
TOTAL PROGRAM REVENUES	1,654	1,810	2,011	2,011	2,211	2,311	2,311	2,311

NOTE: PROGRAM REVENUES BY TYPE AND FUND MAY NOT BE ACCURATE DUE TO SYSTEM ERROR.

## Program Plan Narrative

UOH881: AQUARIA

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### **A. Statement of Program Objectives**

To enrich the lives of residents and visitors by displaying fish and other marine life for appreciation, education, and research.

### **B. Description of Request and Compliance with Section 37-68(1)(A)(B)**

No new requests are being submitted at this time.

### **C. Description of Activities Performed**

#### 1. Education Programs

The Waikiki Aquarium's Education Program presents and interprets the aquatic environment to students to increase their interest in ocean-related subjects and careers, and to meet State Department of Education performance and content standards for science. The Aquarium seeks to increase visitors' awareness and understanding of ocean research, especially that undertaken at the University of Hawaii (UH) at Manoa, the unique and special nature of Hawaiian marine life, and basic biological topics, such as ecology, ethology, and evolution. These programs include:

- a. School Support Program.
- b. Docent-assisted school visits, gallery interpretation and outreach presentations.
- c. Shoreline fieldtrip planning services.
- d. In-service teacher workshops.
- e. Laboratory experiences and workshops for students and/or teachers.
- f. Community Enrichment Programs, Spring, Summer and Fall semesters.
- g. Special lectures and services, on-site and outreach activities.
- h. Interpretive Services: Edge of the Reef and Gallery Exhibit Interpretive Programs.
- i. Educational Video Programs.
- j. Information Services for students, teachers, the general public and professional colleagues.
- k. Interactive classes for preschoolers and their parents, and overnight discovery events for older children.
- l. Free educational seminars by professional biologists.

The success of these education programs is evidenced by their high

popularity, and the federal Coastal America Program having selected the Waikiki Aquarium as a Coastal Ecosystem Learning Center.

#### 2. Exhibits

The Waikiki Aquarium exhibits are designed to provide a realistic simulation of natural ecosystems. Emphasis is given to ecology, evolution, natural history, biodiversity, and behavior and conservation perspectives of South Pacific marine life, especially that of Hawaii.

Exhibits are arranged in several indoor galleries and outdoor locations:

- a. South Pacific Marine Communities: Showcases the diversity of marine life of the tropical Pacific. Includes video presentations and a visitor-activated informational touch screens.
- b. Hawaiian Marine Communities: Displays communities of marine life characteristic of a diverse array of Hawaiian reef and shore environments.
- c. Hunters on the Reef: Explains the role of sharks, jacks and other predators on Hawaiian and Pacific Reefs. Includes an educational video presentation and display of shark anatomy and adaptations.
- d. Ocean Drifters: Showcases jellyfish biology, and species found around Hawaii and elsewhere in the Pacific.
- e. Diversity and Adaptations: Features adaptations of animals native to Hawaii and the tropical Pacific.
- f. Conservation: Exhibits highlight marine protected areas and the Northwestern Hawaiian Islands, threatened species and habitats, and positive steps for preserving the natural environment.
- g. Freshwater Fishes: Is underpinned by a strong conservation and stewardship message. Exhibits inform about the negative effects that introduced freshwater fishes and invertebrates have had on Hawaii's native stream faunas. A display of native Hawaiian stream fishes and invertebrates is also included.
- h. Amazing Adaptions: Highlights the extraordinary diversity and

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evolutionary adaptations within one family of fishes, the Seahorses, Seadragons, and Pipefishes.

i. Edge of the Reef: This outdoor exhibit recreates a Hawaiian shoreline from coastal to reef environments. Trained staff or volunteers may be available for supervised hands-on experience and up-close observations of reef life.

j. Hawaiian Cultural Gardens: Our gardens contain many examples of native Hawaiian flora, especially plants uniquely adapted to life near the sea and those with a marine animal connection in their name.

k. Monk Seal Habitat: The Hawaiian monk seal is an endangered species found only in the Hawaiian Islands. Less than 1,400 remain in the wild. Seals are protected by federal law and are in residence at the Aquarium by special permit.

l. The Coral Farm: This exhibit of South Pacific reef species is also a working research facility for propagation of reef corals.

m. Mullet Exhibit: We are able to display this culturally important fish thanks to techniques newly developed in Hawaii for the aquaculture of this popular food fish.

### **3. Research Programs**

The Hawaii Revised Statutes stipulate that the University maintains a research laboratory at the Waikiki Aquarium. Research in marine life husbandry, propagation, conservation and other fields is an essential component of the Waikiki Aquarium's activities. The proximity of the Aquarium to the Manoa campus provides easy accessibility for UH researchers in need of running seawater and large tanks for research. The skills of Aquarium staff provide husbandry expertise for both researchers and the general public. The following projects are underway at this time:

- a. Plankton Culture
- b. Monk Seal Research and Husbandry
- c. Reef Fish Aquaculture
- d. Jellyfish Research and Husbandry

- e. Coral Propagation and Conservation
- f. Seahorse and Seadragon Breeding

In addition to these projects, university undergraduate and graduate students and staff utilize Aquarium facilities for individual research projects. The results of Aquarium research are reported at professional conferences and in peer-reviewed journals. The Aquarium's public seawater supply is accessed regularly by several university programs on a weekly basis for their research projects on campus. Each year, the seawater is also freely dispensed to thousands of home-aquarists.

### **D. Statement of Key Policies Pursued**

1. Maintain an aquarium in the spirit of public service which will be a source of enjoyment to people of the State, particularly schoolchildren, as well as national and international visitors.
2. Within available resources, increase educational activities as an integral part of the operations.
3. Conduct research using the Aquarium as a laboratory.
4. Strengthen the ties between the Aquarium's exhibits and activities and the ongoing research and education activities at UH Manoa.

### **E. Identification of Important Program Relationships**

1. Facilitating educational visits, services and special presentations for various public and private schools.
2. City and County Parks and Recreation regarding matters of joint interest, given that the Aquarium grounds are surrounded by city-operated park facilities.
3. Local community, education organizations, other aquariums, national and international, with whom exchange of information and collaborative projects take place.
4. University programs that have an interest in the Aquarium and its objectives (Sea Grant, marine programs, Hawaii Institute of Marine Biology, School of Life Sciences, etc.)

## Program Plan Narrative

UOH881: AQUARIA

08 01 01

### **F. Description of Major External Trends Affecting the Program**

Budget restrictions and State-implemented cuts in positions and budget restrictions have limited the Aquarium's general fund allotment to merely meet the needs of nine staff salaries. The balance of the funds used in operating the Aquarium on a daily basis are derived from special funds and other earned revenue sources. Aquarium attendance is comprised of approximately 70% tourists and 30% from the local community. Attendance figures for the fiscal year ending June 30, 2022, indicated 164,000 visitors. Gate revenue remained unchanged from last year with increases in our facility rental programs as compared to the same FY 19 period.

We continue to create programs to increase our membership revenue and are preparing other fundraising efforts to generate additional funds. We hope to increase facility rentals, educational offerings and research grant awards to generate additional income.

Although the COVID-19 pandemic severely curtailed efforts in this direction, it is hoped that revenue flow via donations and other cooperative ventures will eventually show a significant increase, and ultimately allow the Waikiki Aquarium to attain its plans for renewal, improvement and diversification of exhibits.

### **G. Discussion of Cost, Effectiveness, and Program Size Data**

The best measure of program effectiveness as the Waikiki Aquarium is obtained by examining university and community participation in Aquarium offerings.

During FY 2021-2022 the Aquarium facilities were used by the following number of people, including:

1. Self-guided acoustic tours: English, Japanese and German versions were used by over 500 visitors.
2. Special Events: Suspended Special Events due to lack of staffing.
3. Facility Rentals: Suspended Special Events due to lack of staffing.
4. Free Salt-Water: Over 2,200 home aquarists and university faculty

took advantage of this free resource for an estimated total of 80,000 gallons.

5. Meeting Space: A variety of government and community groups utilized the Aquarium classroom for meetings during and after-hours.

6. Educational Programs: In FY 22, the Aquarium served over 1,000 participants in our Community Education and School Support Programs.

The clientele served by the Waikiki Aquarium includes the entire resident population of Oahu, neighbor island residents, and a large number of tourists from around the world. Annual attendance for FY 22 was affected by COVID-19-related closures and restrictions, but still exceeded 164,000 visitors.

Visitor satisfaction ratings in FY 22 remained stable showing 90% of visitors who rated their experience "excellent" or "good," and this rating still exceeds those of most of the larger aquariums on the U.S. mainland. Upcoming increased financial investment in upgrades to facilities will result in even greater visitor comfort and visitor satisfaction.

Despite its small size, productivity of the Waikiki Aquarium is very high, even when compared to larger institutions on the mainland U.S. The Aquarium now offers more kinds of programs to more people on a per capita basis than any of the mainland U.S. Aquariums. There is no other aquarium in the U.S. with the same diversity of educational programs and offerings, none with the same impact in the development of unique new displays of marine life, and few which can boast the same degree of success in research programs or publications. This is particularly significant when it is realized that the Waikiki Aquarium is the second oldest and one of the smallest public aquariums in the United States.

### **H. Discussion of Program Revenues**

Revenues are derived from admission, class fees, facility rentals, donations, and sales from the Gift Shop. General funds cover only nine State employees, who include the Director, building and maintenance staff, and the education department. All operating costs of the Aquarium are paid from earned revenues (S-funds, revenue funded), including utilities, student assistance, eight employees (revenue funded), and two Research Corporation of the University of Hawaii employees, who include

## Program Plan Narrative

**UOH881: AQUARIA**

**08 01 01**

aquarists, administrative, and gift shop personnel. Owing to the COVID-19 pandemic, funding dropped to zero overnight. We are committed to fill all vacant positions on an as-needed basis subject to sufficient funding being available.

### **I. Summary of Analysis Performed**

None.

### **J. Further Considerations**

None.



## **Capital Budget Details**

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH100  
070301  
UNIVERSITY OF HAWAII, MANOA

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
1 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD					SUCCEED YEARS
FY 23-24	FY 24-25	FY 25-26						FY 26-27	FY 27-28	FY 28-29			
R28	11	RENOVATION	CTAHR, WAIALE'E RESEARCH STATION, OAHU										
		PLANS	1		1								
		DESIGN	199		199								
		CONSTRUCTION	1,399		1,399								
		EQUIPMENT	1		1								
		TOTAL	1,600		1,600								
		G.O. BONDS	1,600		1,600								
R29	12	NEW	LYON ARBORETUM, OAHU										
		PLANS	1		1								
		DESIGN	199		199								
		CONSTRUCTION	999		999								
		EQUIPMENT	1		1								
		TOTAL	1,200		1,200								
		G.O. BONDS	1,200		1,200								
507	2	RENOVATION	UH MANOA, MINI MASTER PLAN PHASE 2, OAHU										
		PLANS	500		500								
		DESIGN	4,999	1,999	3,000								
		CONSTRUCTION	70,499	4,000	31,499	35,000							
		EQUIPMENT	2	1	1								
		TOTAL	76,000	6,000	35,000	35,000							
		G.O. BONDS	76,000	6,000	35,000	35,000							

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH100  
070301  
UNIVERSITY OF HAWAII, MANOA

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
2 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE  COST ELEMENT/MOF	PROJECT TITLE		BUDGET PERIOD								SUCCEED YEARS
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	
584	1	RENOVATION	WAIKIKI AQUARIUM DISCHARGE SYSTEM UPGRADE, OAHU										
		PLANS	450	150	300								
		DESIGN	3,000	300	1,200	1,500							
		CONSTRUCTION	10,150	150		10,000							
		TOTAL	13,600	600	1,500	11,500							
		G.O. BONDS	13,600	600	1,500	11,500							
PROGRAM TOTALS													
		PLANS	15,903	15,101	802								
		LAND ACQUISITION	3,710	3,710									
		DESIGN	127,910	121,812	4,598	1,500							
		CONSTRUCTION	1,043,031	964,134	33,897	45,000							
		EQUIPMENT	37,279	37,276	3								
		TOTAL	1,227,833	1,142,033	39,300	46,500							
		GENERAL FUND	25,000	25,000									
		SPECIAL FUND	50,605	50,605									
		G.O. BONDS	442,351	356,551	39,300	46,500							
		REVENUE BONDS	613,077	613,077									
		FEDERAL FUNDS	74,900	74,900									
		PRIVATE CONTRIBUTIONS	7,450	7,450									
		REVOLVING FUND	14,450	14,450									



STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH110  
070302  
UNIVERSITY OF HAWAII, JOHN A. BURNS S.O.MED

# REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT

## IN THOUSANDS OF DOLLARS

REPORT B78  
3 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD				FY 27-28	FY 28-29	SUCCEED YEARS
COST ELEMENT/MOF	FY 23-24	FY 24-25					FY 25-26	FY 26-27					
R31	14	RENOVATION	UH-JABSOM, RENOVATIONS, REPAIRS, AND IMPROVEMENTS, OAHU										
		PLANS	1	1									
		DESIGN	1	1									
		CONSTRUCTION	2,384	2,384									
		EQUIPMENT	1	1									
		TOTAL	2,387	2,387									
		REVENUE BONDS	2,387	2,387									
		PROGRAM TOTALS											
		PLANS	2	1	1								
		DESIGN	2	1	1								
CONSTRUCTION	8,131	5,747	2,384										
EQUIPMENT	2	1	1										
TOTAL	8,137	5,750	2,387										
SPECIAL FUND	5,750	5,750											
REVENUE BONDS	2,387		2,387										

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH210  
070303  
UNIVERSITY OF HAWAII, HILO

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
4 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE				BUDGET PERIOD						SUCCEED YEARS
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	
		COST ELEMENT/MOF											
392	1	NEW	MAUNA KEA TELESCOPE REMOVAL, HAWAII										
		PLANS	1		1								
		DESIGN	1		1								
		CONSTRUCTION	897		897								
		EQUIPMENT	1		1								
		TOTAL	900		900								
		G.O. BONDS	900		900								
456	2	RENOVATION	HILO, RENEW, IMPROVE, AND MODERNIZE, HAWAII										
		DESIGN	6,602	702	500		3,800	1,600					
		CONSTRUCTION	51,696	12,298	800		13,699	24,899					
		EQUIPMENT	2				1	1					
		TOTAL	58,300	13,000	1,300		17,500	26,500					
		G.O. BONDS	58,300	13,000	1,300		17,500	26,500					
PROGRAM TOTALS													
		PLANS	7,341	7,340	1								
		LAND ACQUISITION	1	1									
		DESIGN	48,729	42,828	501		3,800	1,600					
		CONSTRUCTION	315,741	275,446	1,697		13,699	24,899					
		EQUIPMENT	17,889	17,886	1		1	1					
		TOTAL	389,701	343,501	2,200		17,500	26,500					
		GENERAL FUND	450	450									
		G.O. BONDS	314,341	268,141	2,200		17,500	26,500					
		REVENUE BONDS	21,000	21,000									
		FEDERAL FUNDS	48,110	48,110									
		PRIVATE CONTRIBUTIONS	2,500	2,500									
		COUNTY FUNDS	400	400									
		REVOLVING FUND	2,900	2,900									

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH700  
070305  
UNIVERSITY OF HAWAII, WEST OAHU

# REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT

## IN THOUSANDS OF DOLLARS

REPORT B78  
5 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD		FY 25-26	FY 26-27	FY 27-28	FY 28-29
FY 23-24	FY 24-25												
888	4	RENOVATION	UHWO, RENEW, IMPROVE AND MODERNIZE, OAHU										
		PLANS	100				50	50					
		DESIGN	1,575		855		530	190					
		CONSTRUCTION	10,074		2,645		4,419	3,010					
		EQUIPMENT	251				1	250					
		TOTAL	12,000		3,500		5,000	3,500					
		G.O. BONDS	12,000		3,500		5,000	3,500					
		PROGRAM TOTALS											
		PLANS	3,505	3,405			50	50					
		LAND ACQUISITION	2	2									
		DESIGN	29,575	28,000	855		530	190					
		CONSTRUCTION	281,032	270,958	2,645		4,419	3,010					
		EQUIPMENT	263	12			1	250					
		TOTAL	314,377	302,377	3,500		5,000	3,500					
SPECIAL FUND	100,000	100,000											
G.O. BONDS	213,432	201,432	3,500		5,000	3,500							
REVENUE BONDS	945	945											

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH800  
070306  
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
6 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD				FY 28-29	SUCCEED YEARS	
COST ELEMENT/MOF	FY 23-24	FY 24-25					FY 25-26	FY 26-27	FY 27-28				
A36	9	RENOVATION	HON, TECHNOLOGY RENOVATIONS, PHASE I, OAHU										
		DESIGN	1,500	1,500									
		CONSTRUCTION	13,499	13,499									
		EQUIPMENT	1	1									
		TOTAL	15,000	15,000									
		G.O. BONDS	15,000	15,000									
C09	15	NEW	RESOURCE AND EDUCATION CENTER, OAHU										
		PLANS	1	1									
		DESIGN	42,497	42,497									
		CONSTRUCTION	1	1									
		EQUIPMENT	1	1									
		TOTAL	42,500	42,500									
		G.O. BONDS	42,500	42,500									
L83	6	RENOVATION	CCS, LEEWARD CC FASCIAS, OAHU										
		DESIGN	500	500									
		CONSTRUCTION	6,000	6,000									
		TOTAL	6,500	6,500									
		G.O. BONDS	6,500	6,500									
M19	9	NEW	UNIVERSITY OF HAWAII MAUI COLLEGE, MAUI - VOCATIONAL TECHNOLOGY CENTER										
		DESIGN	4,000	4,000									
		TOTAL	4,000	4,000									
		G.O. BONDS	4,000	4,000									

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH800  
070306  
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
7 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										SUCCEED YEARS
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD		FY 25-26	FY 26-27	FY 27-28	FY 28-29	
COST ELEMENT/MOF								FY 23-24					FY 24-25
W51	13	NEW	WINDWARD COMMUNITY COLLEGE, OAHU										
		DESIGN	1					1					
		CONSTRUCTION	2,999				2,999						
		TOTAL	3,000				3,000						
		G.O. BONDS	3,000				3,000						
552	4	RENOVATION	CCS, CAPITAL RENEWAL AND DEFERRED MAINTENANCE, STATEWIDE										
		PLANS	6	4				1	1				
		DESIGN	19,410	7,842	2,595	4,025	4,649	299					
		CONSTRUCTION	165,078	76,650	22,405	20,975	20,349	24,699					
		EQUIPMENT	6	4			1	1					
		TOTAL	184,500	84,500	25,000	25,000	25,000	25,000					
		GENERAL FUND	50,000				25,000	25,000					
	G.O. BONDS	134,500	84,500	25,000	25,000								
555	5	RENOVATION	CCS, MINOR CIP FOR THE COMMUNITY COLLEGES, STATEWIDE										
		PLANS	6	4				1	1				
		DESIGN	20,921	7,683	3,640	2,100	6,999	499					
		CONSTRUCTION	131,315	69,557	11,360	17,900	12,999	19,499					
		EQUIPMENT	6	4			1	1					
		TOTAL	152,248	77,248	15,000	20,000	20,000	20,000					
		GENERAL FUND	40,000				20,000	20,000					
	G.O. BONDS	112,248	77,248	15,000	20,000								

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH800  
070306  
UNIVERSITY OF HAWAII, COMMUNITY COLLEGES

# REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT

## IN THOUSANDS OF DOLLARS

REPORT B78  
8 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE  COST ELEMENT/MOF	PROJECT TITLE			BUDGET PERIOD							SUCCEED YEARS
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	
PROGRAM TOTALS													
		PLANS	3,803	3,798	1		2	2					
		LAND ACQUISITION	13,146	13,146									
		DESIGN	144,242	70,938	50,233	10,625	11,648	798					
		CONSTRUCTION	700,916	528,231	50,264	44,875	33,348	44,198					
		EQUIPMENT	16,579	16,573	2		2	2					
		TOTAL	878,686	632,686	100,500	55,500	45,000	45,000					
		GENERAL FUND	90,000				45,000	45,000					
		G.O. BONDS	773,786	617,786	100,500	55,500							
		G.O. BONDS REIMBURSABLE	4,000	4,000									
		PRIVATE CONTRIBUTIONS	10,900	10,900									

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH900  
070307  
UNIVERSITY OF HAWAII, SYSTEMWIDE SUPPORT

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

REPORT B78  
10 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										SUCCEED YEARS
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD		FY 25-26	FY 26-27	FY 27-28	FY 28-29	
COST ELEMENT/MOF								FY 23-24					FY 24-25
R30	7	NEW	MAKAI RESEARCH PIER, OAHU										
		PLANS	1		1								
		DESIGN	600		500	100							
		CONSTRUCTION	5,699		5,049	650							
		TOTAL	6,300		5,550	750							
		G.O. BONDS	6,300		5,550	750							
R32	8	RENOVATION	CTAHR, WAIAKEA RESEARCH STATION, HAWAII										
		DESIGN	650		650								
		CONSTRUCTION	6,250		6,250								
		TOTAL	6,900		6,900								
		G.O. BONDS	6,900		6,900								
514	11	NEW	UNIVERSITY OF HAWAII AT MANOA, ATHLETIC DEPARTMENT, OAHU										
		PLANS	750		750								
		TOTAL	750		750								
		G.O. BONDS	750		750								
560	3	RENOVATION	SYSTEM, RENEW, IMPROVE, AND MODERNIZE, STATEWIDE										
		PLANS	6,202	2,700	1,500	1,000	451	551					
		DESIGN	51,052	28,289	7,700	2,965	9,399	2,699					
		CONSTRUCTION	420,939	245,408	42,600	46,035	40,148	46,748					
		EQUIPMENT	5	1			2	2					
		TOTAL	478,198	276,398	51,800	50,000	50,000	50,000					
		GENERAL FUND	60,000				30,000	30,000					
		G.O. BONDS	418,198	276,398	51,800	50,000	20,000	20,000					

STATE OF HAWAII  
PROGRAM ID:  
PROGRAM STRUCTURE NO:  
PROGRAM TITLE:

UOH900  
070307  
UNIVERSITY OF HAWAII, SYSTEMWIDE SUPPORT

# REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT

## IN THOUSANDS OF DOLLARS

REPORT B78  
11 of 12

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										
			COST ELEMENT/MOF	PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD		FY 25-26	FY 26-27	FY 27-28	FY 28-29
FY 23-24	FY 24-25												
565	10	NEW	RESEARCH AND INNOVATION INFRASTRUCTURE, STATEWIDE										
		DESIGN	10			10							
		CONSTRUCTION	1,790			1,790							
		TOTAL	1,800			1,800							
		REVENUE BONDS	1,800			1,800							
PROGRAM TOTALS													
		PLANS	13,157	8,904	1,501	1,750	451	551					
		LAND ACQUISITION	9,625	9,625									
		DESIGN	148,886	124,863	8,200	3,725	9,399	2,699					
		CONSTRUCTION	1,672,642	1,483,372	47,649	54,725	40,148	46,748					
		EQUIPMENT	9,036	9,032			2	2					
		TOTAL	1,853,346	1,635,796	57,350	60,200	50,000	50,000					
		GENERAL FUND	90,000	30,000			30,000	30,000					
		G.O. BONDS	1,693,814	1,538,064	57,350	58,400	20,000	20,000					
		REVENUE BONDS	69,532	67,732		1,800							



STATE OF HAWAII  
PROGRAM ID: UOH881  
PROGRAM STRUCTURE NO: 080101  
PROGRAM TITLE: AQUARIA

REQUIRED CAPITAL APPROPRIATIONS - BY CAPITAL PROJECT  
IN THOUSANDS OF DOLLARS

PROJECT NUMBER	PRIORITY NUMBER	SCOPE	PROJECT TITLE										SUCCEED YEARS
			PROJECT TOTAL	PRIOR YRS	FY 21-22	FY 22-23	BUDGET PERIOD		FY 25-26	FY 26-27	FY 27-28	FY 28-29	
							FY 23-24	FY 24-25					
		COST ELEMENT/MOF											
PROGRAM TOTALS													
		PLANS	175	175									
		DESIGN	325	325									
		CONSTRUCTION	550	550									
		EQUIPMENT	50	50									
		TOTAL	1,100	1,100									
		G.O. BONDS	1,100	1,100									