FISCAL 2013 – 15 BIENNIUM BUDGET University of Hawai'i System

BOR Budget Workshop September 5, 2012

Overview: Rewarding Success and Staying the Course

President MRC Greenwood
University of Hawai'i System

Strategic Outcomes, 2008–2015

- Positioning University of Hawai'i as one of the world's foremost indigenous-serving universities
- Increasing the educational capital of the State by increasing participation from students of low-income and underserved regions
- Contributing to the State's economy through building our research industry and affiliated workforce
- Addressing critical workforce shortages by preparing students for effective engagement and leadership in a global environment
- Exercising stewardship over all of the University's facilities and physical resources for a sustainable future

System Performance Exceeded in 7 of 10 Measures

Ten performance measures established in 2008 for five strategic outcomes

For past two years, UH System has exceeded targets on 7 of 10 performance measures

Research Enterprise Success

- Annual Extramural Awards have increased from \$368M in FY2008 to \$435M in FY2012
- UH Mānoa amongst world-class public and private research universities – ranked 51 of 689 – on national scale (following #40 Berkeley)

General Fund Decline

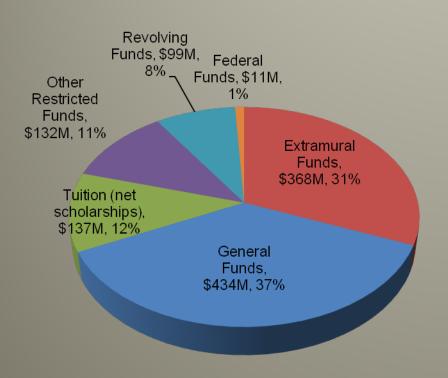
State general funds declined \$77M – from \$452M in FY 09 to \$376M in FY12

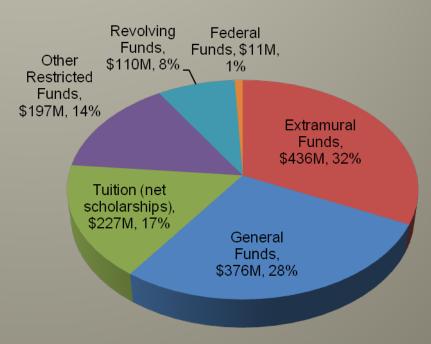
UH portion of overall state general funds declined from 8.7% in FY09 to 6.7% in FY13

System Revenues: Changing Proportions

FY2008 - All Revenues

FY2012 – All Revenues

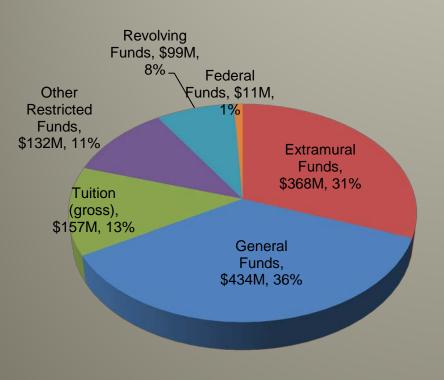


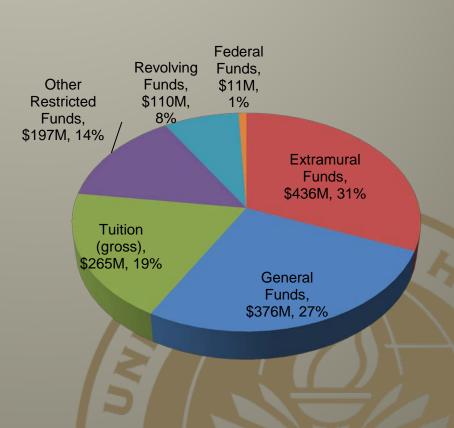


System Revenues: Changing Proportions (Rev)

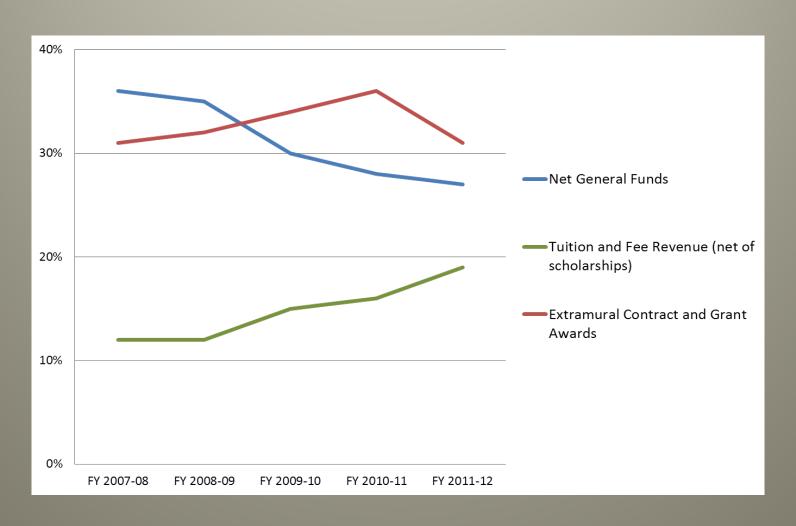
FY2008 - All Revenues

FY2012 - All Revenues

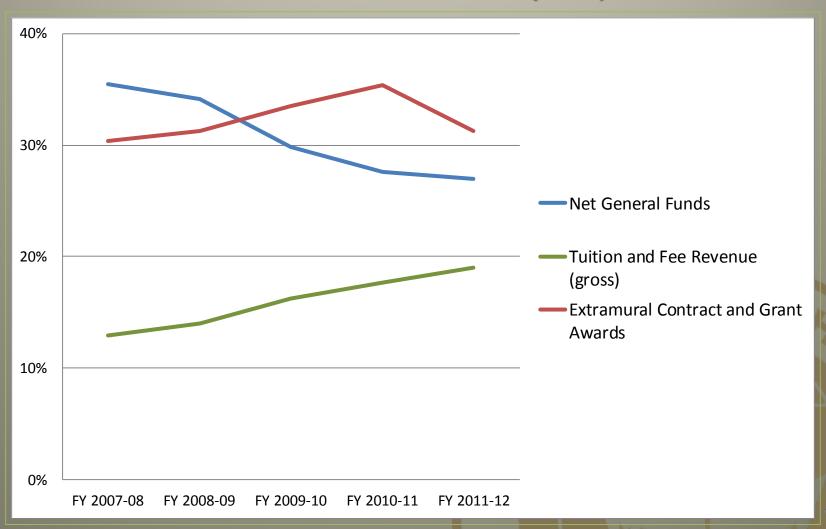




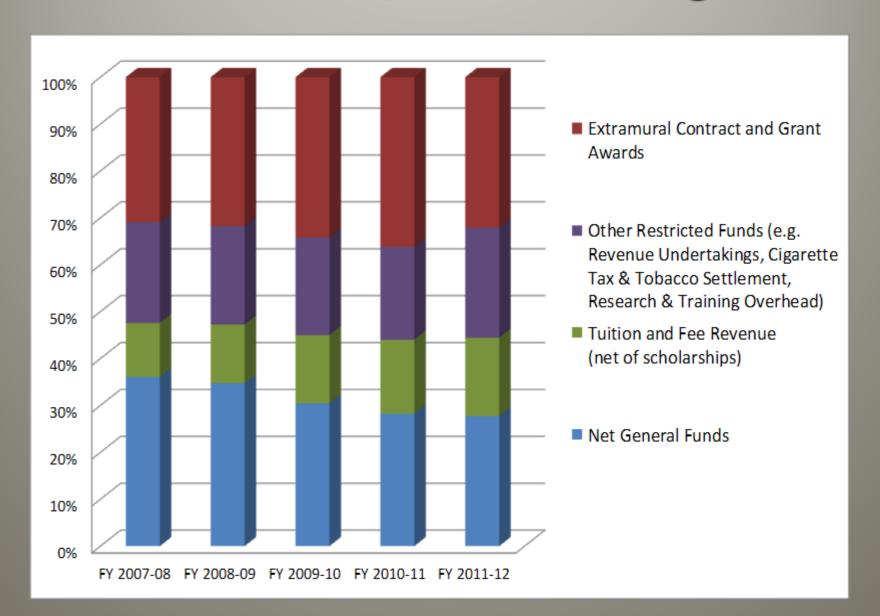
Funding Trends: FY08 to FY12



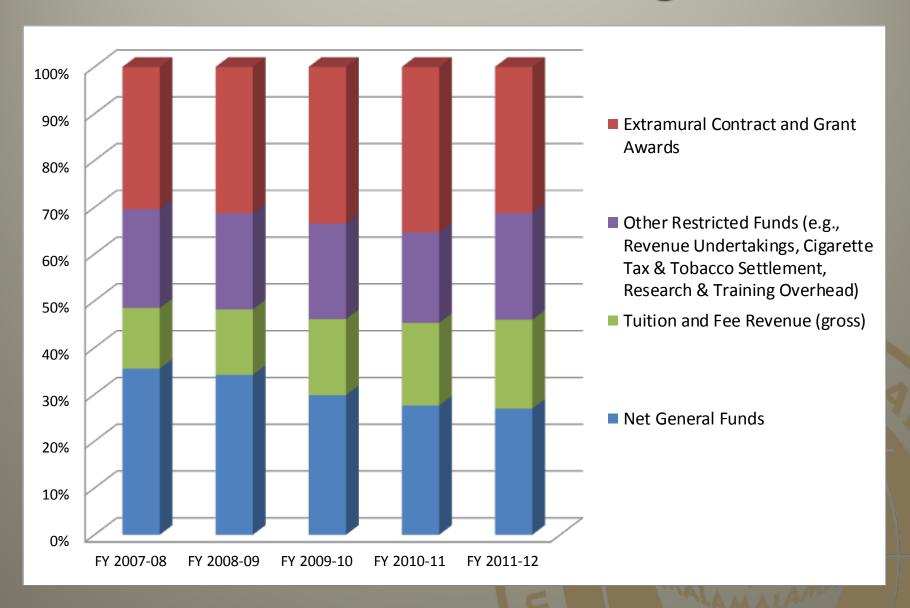
Funding Trends: FY08 to FY12 (Rev)



Sources of System Funding

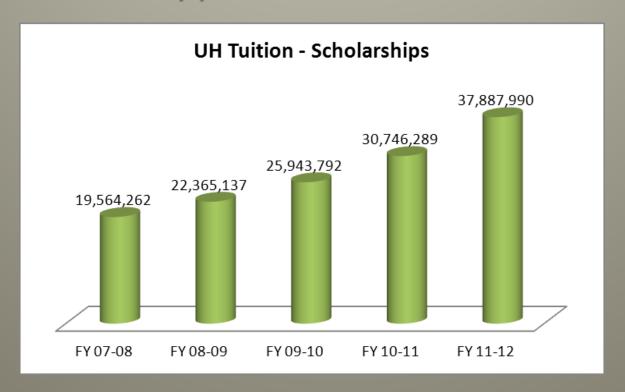


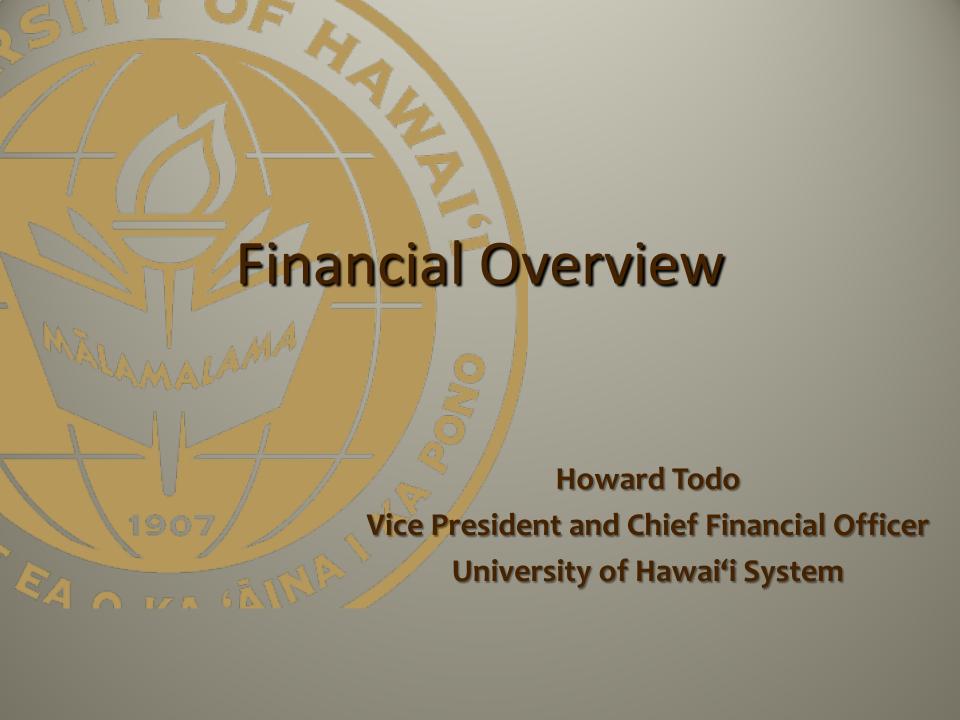
Sources of System Funding (Rev)



Tuition Revenues: Increasing Scholarships

Scholarships from tuition revenues fulfilling BOR directive to support access and affordability

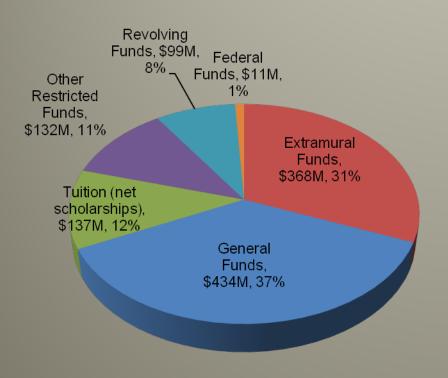


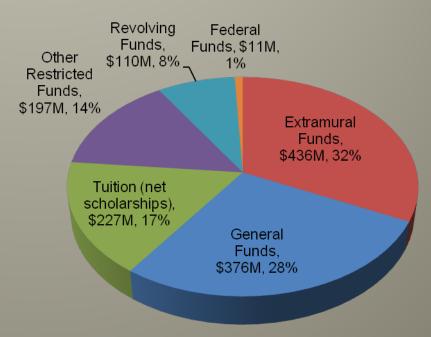


System Revenues: Changing Proportions

FY2008 - All Revenues

FY2012 – All Revenues

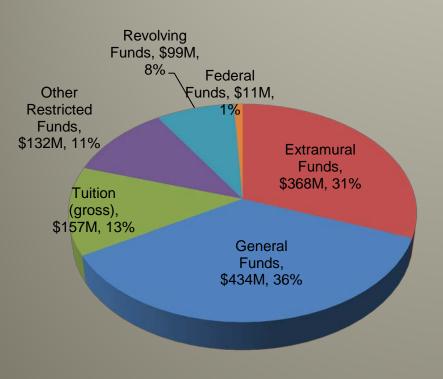


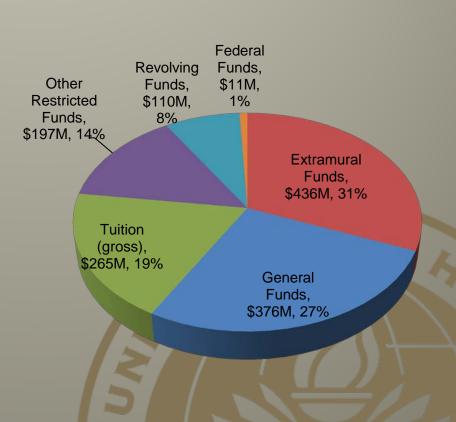


System Revenues: Changing Proportions (Rev)

FY2008 - All Revenues

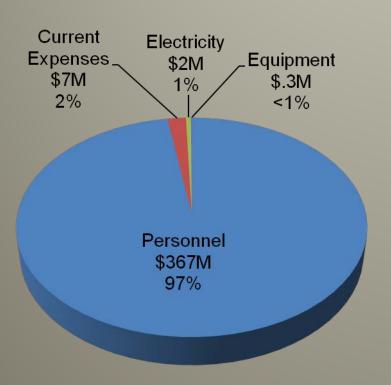
FY2012 - All Revenues



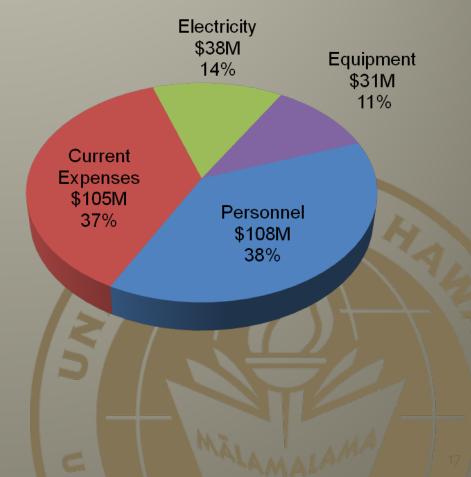


FYE 2011-12 Systemwide Operating Expenses

FY2012 - General Fund

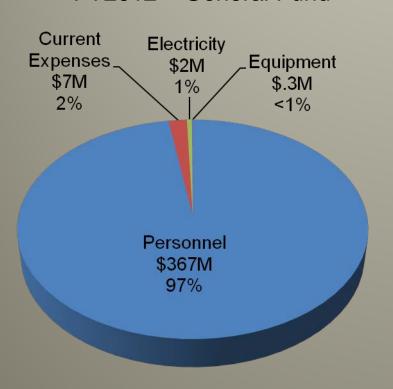


FY2012 - Tuition Fee SF

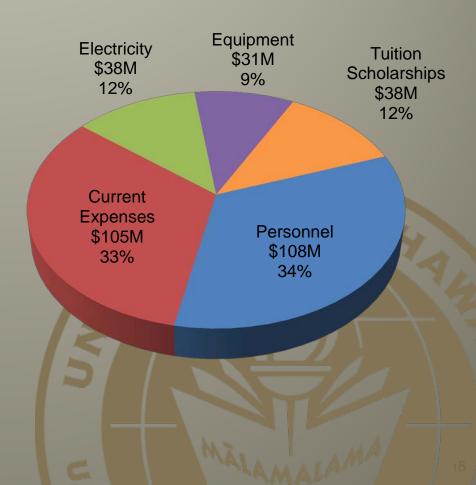


FYE 2011-12 Systemwide Operating Expenses (Rev)

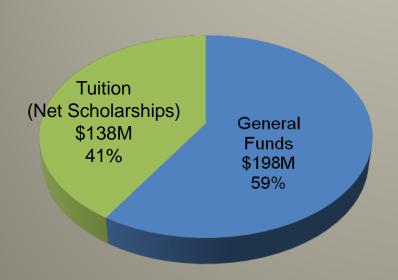
FY2012 - General Fund

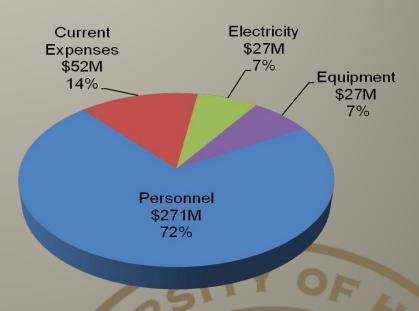


FY2012 - Tuition Fee SF



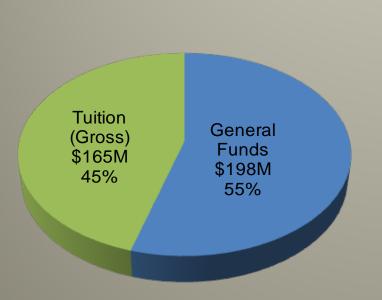
FY 2011-12 – Mānoa Operating Revenue & Expense Summary

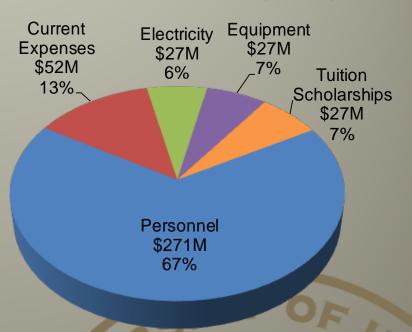




	Student	Undergraduate	Graduate	Certificate
Enrollment	Semester Hours	Programs	Programs	Programs
20,429	450,674	93	140	59

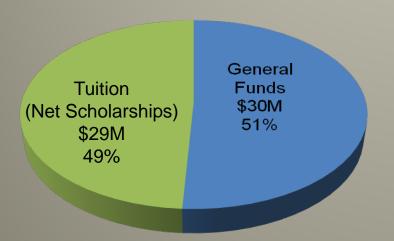
FY 2011-12 – Mānoa Operating Revenue & Expense Summary (Rev)

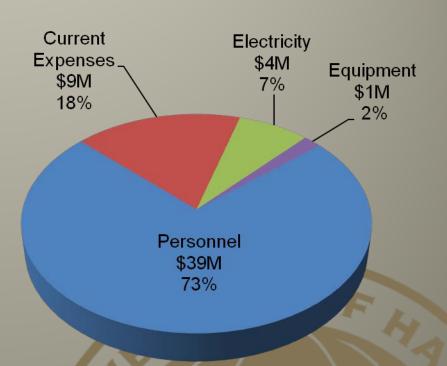




	Student	Undergraduate	Graduate	Certificate
Enrollment	Semester Hours	Programs	Programs	Programs
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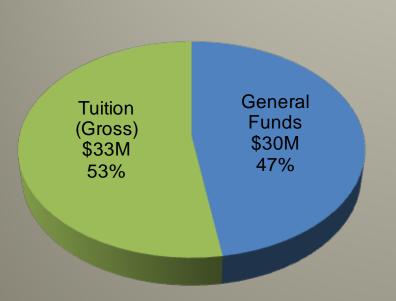
FY 2011-12 – Hilo Operating Revenue & Expense Summary

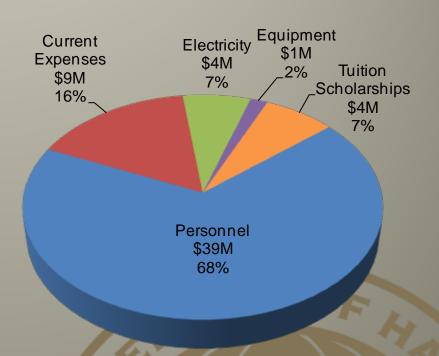




	Student			
	Semester	Undergraduate	Graduate	Certificate
Enrollment	Hours	Programs	Programs	Programs
4,139	100,920	37	11—	22

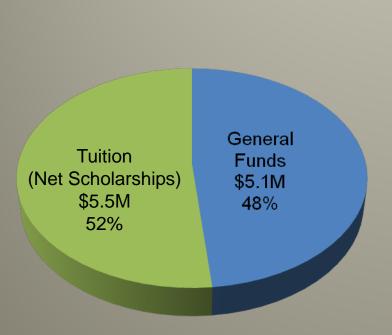
FY 2011-12 – Hilo Operating Revenue & Expense Summary (Rev)

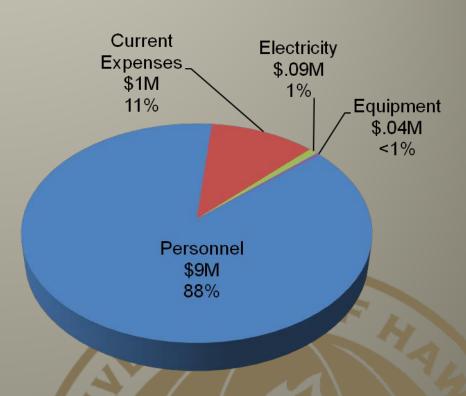




Enrollment	Student Semester Hours	Undergradua Programs		Certificate Programs
4,139	100,920	37	11—	22

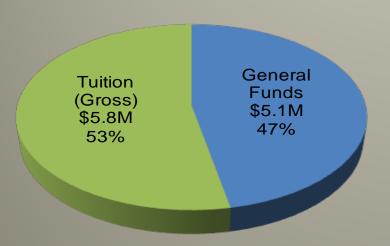
FY 2011-12 – West O'ahu Operating Revenue & Expense Summary

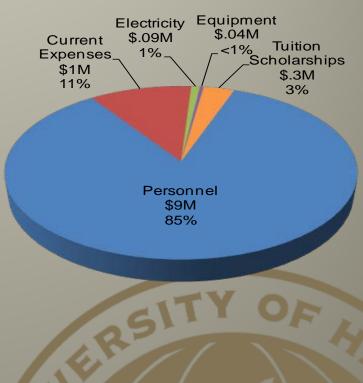




Enrollment	Student Semester Hours	Undergraduate Programs	Certificate Programs
1,662	23,825	6	6

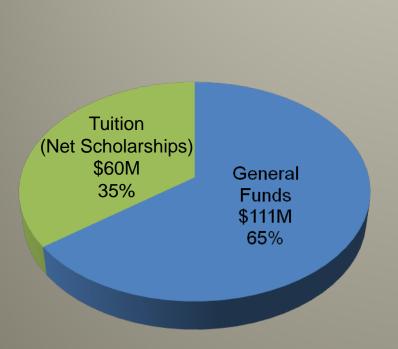
FY 2011-12 – West O'ahu Operating Revenue & Expense Summary (Rev)

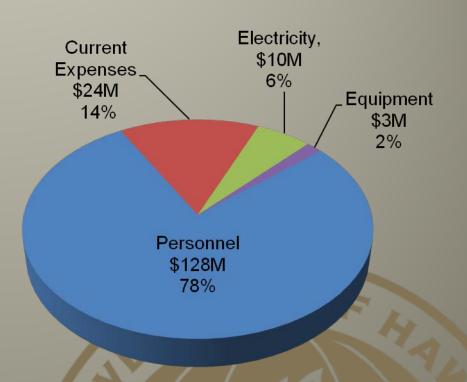




	Student Semester	Undergraduate	
Enrollment	Hours	Programs	Certificate Programs
1,662	23,825	6	6

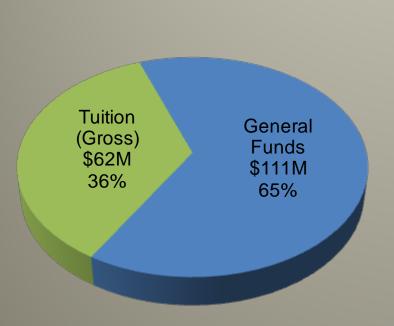
FY 2011-12 – Community Colleges Operating Revenue & Expense Summary

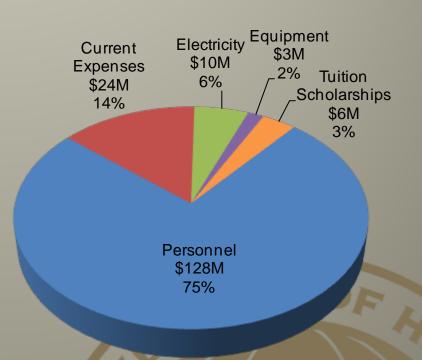




Enrollment	Student Semester	Undergraduate	Certificate
	Hours	Programs	Programs
34,100	563,139	109	76

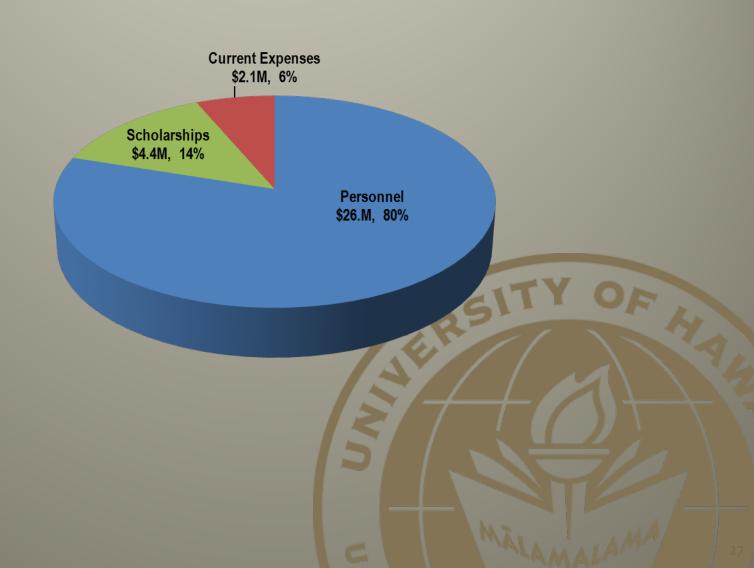
FY 2011-12 – Community Colleges Operating Revenue & Expense Summary (Rev)





Enrollment	Student Semester	Undergraduate	Certificate
	Hours	Programs	Programs
34,100	563,139	109	76

FY 2011-12 – Systemwide Programs General Fund Expense Summary (Rev)



Council on Revenues: Projections Inform State Budget

- May 29 COR meeting, reduced general fund projection for current FY13 from a 7.5% to a 5.3% increase; however, preliminary actual tax collections for FY12 were 2.9% higher than projected
- Net result Potential additional state tax revenue of \$390M in FY14 and \$574M in FY15
- September 6 COR meeting will revisit general fund projections

Future Claims on UH Revenues

- Salaries of UHPA members reinstated using special funds; no general funds were appropriated
- Salaries of HGEA & UPW members to be negotiated
- Revenue bond payments and financing of deferred maintenance
- Escalating electricity costs

Fiscal Biennium 2013-15 Budget Development Process

- Biennium budget policy paper (BBPP) approved by BOR at April 12 meeting
- BBPP discussed with Council of Chancellors and Biennium Budget Advisory Committee (June & July)
- Chancellors and Advisory Committee feedback shared with President and UH leadership (August)

FB 2013-15: Three System Initiatives

Hawai'i Graduation Initiative

Hawai'i Innovation Initiative

Stewardship of Facilities:

"Renovate to Innovate"



Linda Johnsrud

Executive Vice President and Provost

John Morton, Vice President

University of Hawai'i System

Hawai'i Graduation Initiative

"Increase student participation and completion, particularly Native Hawaiians, low-income students, and those from underserved regions"



"55% of Hawai'i's working age adults to have a 2- or 4-year degree by 2025."



"Increase graduates 25% by 2015"
President MRC Greenwood

EVPAA Jul 2012 3

PERFORMANCE MEASURES 2008–2015

Measure	2011 Goal	2011 Actual	
Degree & Certificates of Achievement Earned	8,644	8,988	<u></u>
Degree Attainment of Native Hawaiians	1,058	1,609	
Disbursement of Pell Grants	\$25.2m	\$61.1m	
Going Rates	37.9%	38.5%	
Degrees in STEM Fields	1,803	1,963	
Output in Work Shortage Areas	1,009	1,110	

UH Outcomes Funding

- Focus on graduation outcomes
- Focus on transfer outcomes
- *Additional weighting for:
 - Native Hawaiian student success
 - **STEM** student success
 - Low income student success

UH Outcomes Funding

- Targets identical to Hawai'i Graduation Initiative and UH strategic plan
- Weights assigned to each measure differ slightly by campus and mission
- If outcomes targets are not reached, funds will lapse

Outcome Based Funding Available Amounts by Campus

UH SYSTEM TOTAL			
Campus		FY 2013-14	FY 14-2015
Mānoa	Degrees/Certificates	5,829,868	11,659,736
	Enrollment	2,483,064	2,483,064
Hilo	Degrees/Certificates	854,359	1,708,717
	Enrollment	166,035	166,035
West O'ahu	Degrees/Certificates	150,904	301,809
	Enrollment	1,079,721	1,079,721
Community Colleges	Degrees/Certificates	3,164,869	6,329,738
	Enrollment	6,271,180	6,271,180

Available Amount \$20,000,000 \$30,000,000

Outcome Based Funding Systemwide Totals

UH SYSTEM TOTAL Strategic Outcome	Baseline	Target FY 2013-14	% Increase	Target FY 2014-15	% Increase
Degrees/Certificates	8,312	8,644	4%	8,990	4%
Native Hawaiian					
Undergraduates	856	918	7%	983	7%
Native Hawaiian Graduates	133	142	7%	152	7%
STEM Undergraduates	1,365	1,406	3%	1,448	3%
STEM Graduates	369	380	3%	391	3%
Pell Recipients	9,169	9,627	5%	10,108	5%
CC Transfers	1,423	1,493	5%	1,568	5%
Available Amount		\$20,000,000		\$30,000,000	

Baseline: Strategic Plan target for FY 2010

Targets: Strategic Plan targets for the prior fiscal year

Hawai'i Graduation Initiative: Programmatic Support

- Distance Learning & Educational Technology Initiative
- **UH Engineering Consortium**
- Na Pua No'eau
- Statewide Longitudinal Data System
- West O'ahu Campus Build-out Support

Distance Learning & Educational Technology Initiative

- Goals:
- Provide access to students who cannot attend classes on the offering campus – distance delivery
- Offer individualization, interaction and opportunities that increase student engagement and learning
- Enable human teacher interaction to be more meaningful and effective, such as in Studio or Emporium models
- Make more efficient use of resources, such as hybrid classes that optimize classroom use
- Ensure dependable access to distance delivered courses via on-line catalog

Distance Learning & Educational Technology Initiative: Acting Like a System / Learning from Others

- Statewide needs assessment (all educational centers and campuses)
 to identify highest priority programs for statewide delivery: 1 FTE
- Design and development of priority programs for statewide delivery: 4 FTE, student assistants, faculty release time, academic resources, travel
- Support increased online tutoring and mentoring statewide: 1 FTE, student assistants, software
- Educational Technology Innovation Fund to support faculty innovation through pilots with technologies that increase access, improve student outcomes and/or reduce resource needs: 1 FTE, faculty release time, travel, student assistants, technology

Estimated Total Cost:

Year 1 \$1.0m 4.0 FTE

Year 2 \$1.5m 7.0 FTE

UH Engineering Consortium

Goals:

- Increase numbers and retention of preengineering students system wide
- Increase student success in mathematics and physical science
- Deliver needed coursework via distance technologies, dependably
- Support 2- and 4-year collaboration for student support and curriculum planning

UH Engineering Consortium

- Consortium Support & Personnel
- Cyber-Mentoring/Tutorial Program
- Distance Delivery Development & Course Renewal
- Enhance Math Emporium Model
- Connect CC students to Mānoa, Hilo & Maui programs
- * Equipment, technician support, & travel funds

Estimated Total Cost: Year 1 \$1.2m 12.0 FTE Year 2 \$2.9m 28.0 FTE

Na Pua No'eau

- Goals:
- Support strategic outcome for UH to become the model indigenous serving institution
- Promote college going among school age (K-12) Native Hawaiians
- *Expand outreach throughout the state, particularly to underserved regions

Na Pua No'eau

Sustain program by converting grant-funded temporary positions to general-funded, permanent positions

Estimated Total Cost: Year 1 \$700K 12 FTE



Statewide Longitudinal Data System

- Goals:
- Build infrastructure for statewide student data system linking early childhood education through K-12 and post-secondary education to the labor force
- Use data from the system to inform policy to increase academic achievement statewide
- Meet ARRA funding commitment

Statewide Longitudinal Data System

Funds to sustain infrastructure build-out of SLDS and convert soft-funded temporary positions. Positions needed:

Director of SLDS

Business Intelligence Analyst

Database Administrator

IT infrastructure Support

Estimated Total Cost:

Year 1 \$200k 2 FTE

Year 2 \$400k 4 FTE

West O'ahu Campus Build-out Support

Goals:

Serve underserved regions and population of western O'ahu

Provide infrastructure support for the new growing campus in Kapolei

Estimated Total Cost: Year 1 \$913K 22 FTES



Hawai'i Innovation Initiative Goals and Outcomes



HI2 Initiative will:

- double research funding in 5-10 years
- ***** add good jobs
- create new businesses
- diversify, deepen state economy
- further elevate the status of the University of Hawai'i

How Do We Proceed?

- Add 50 world class Primary
 Research Investigators (PIs)
 over the next 3 bienniums
- Facility needs are being assessed and planned for now
- Return On Investment (ROI) will be 1000s of new jobs in the State, new discoveries, new support businesses and opportunities





Year One

	Positions	Salary	Start up
Medicine/Pharma	1	\$250,000	\$1,000,000
Informatics	2	\$450,000	\$1,000,000
Ocean/Bio/Earth			
Space/Astronomy	1	\$225,000	\$500,000
Energy/New Agriculture	2	\$450,000	\$2,000,000
	6	\$1,375,000	\$4,500,000

Year Two

	Positions	Salary	Start up
Medicine/Pharma	3	\$750,000	\$3,000,000
Informatics	2	\$450,000	\$1,500,000
Ocean/Bio/Earth	3	750,000	\$2,500,000
Space/Astronomy	2	\$475,000	\$1,500,000
Energy/New Agriculture	2	\$500,000	\$1,000,000
Workforce Positions	2	\$160,000	
	14	\$3,085,000	\$9,500,000

Innovation FB2013-15

	Positions	Salary (Recurring)	Start Up
Medicine/Pharma	4	\$1,000,000	\$4,000,000
Informatics	4	\$900,000	\$2,500,000
Ocean/Bio/Earth Science	3	\$750,000	\$2,500,000
Space/Astronomy	3	\$700,000	\$2,500,000
Energy/New Agriculture	4	\$950,000	\$3,000,000
Workforce	2	\$160,000	
Total	20	\$4,460,000	\$14,000,000



Brian Minaai
Associate Vice President
University of Hawai'i System

Ongoing Projects

- Currently, over \$565 Million of major projects in construction, systemwide
- Additional \$376 Million of major projects in design, systemwide
- Appropriations of almost \$300 Million for health, safety, repairs & maintenance and backlog in the last four years
- On-time, within budget and no lapsing of funds

Projects Recently Completed & Near Completion

- August 2012
 - Windward CC's Learning Resource Center
 - Mānoa's Gateway Dormitory Renovations

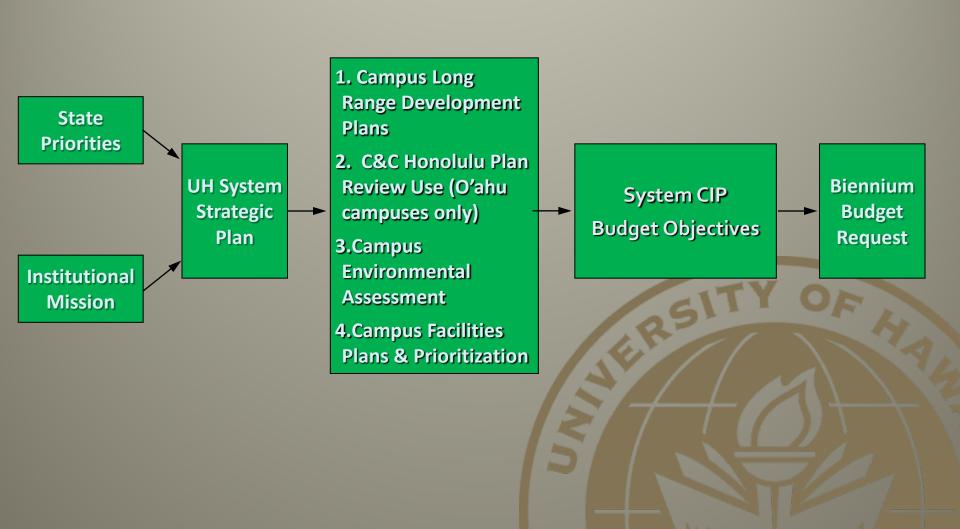
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- West O'ahu's New Campus
- September 2012
 - Maui's Science Building
 - Mānoa's Cancer Research Center

Groundbreaking Projects

- Hilo's 300 bed Student Housing Complex in June 2012
- Hawai'i CC's New Palamanui Campus in September 2012
- UH Culinary Institute of the Pacific located at Kapi'olani CC in December 2012

University of Hawai'i System CIP Planning Process



59

Seven CIP Budget Priorities

- 1. Health, Safety, and Code Requirements
- 2. Capital Renewal and Deferred Maintenance
- 3. Project Renovate to Innovate
- 4. Minor Renovation CIP
- 5. Major Construction Projects (Shovel Ready)
- 6. Financially Leveraged Projects
- 7. Various Planning and Design Projects

	Budget Request	
Category/Campus/Project	2013-2014	2014-2015
Health, Safety, and Code Requirements		
UHM Campuswide Accessibility Improvemts	2,400	2,500
UHM College of Ed Water Sys. Upgrade	1,500	0
UHM College of Ed Retaining Wall	1,500	0
UHM Campuswide Sewer & Drain Upgrade	0	9,500
UHM Hawai'i Inst. Of Marine Biology Seawall	0	9,200
UHM Lower Campus Automotive Guardrail	500	0
UHM Lyon Arboretum Health & Safety Improv.	2,000	3,000
UHM Campuswide Upgrade Walkways	1,500	2,500
UHM Campuswide Transformer Replacements	1,500	0
UHM Dorm Fire Safety Water Line Upgrade	2,000	0
UHM Bilger Addition, Replace Asbestos Tiles	274	0
UHH CampusSecurity Upgrade	3,850	0
UHH Hale Kehau – Lead Contaminated Roof	1,200	0
UHH Emergency Shelter for Student Housing	1,350	0
UHH ASH Housing Code & Safety Improvemts.	700	5,000
UHH Pedestrian Walkway Across Kawili St.	5,000	0
UHH Panaewa Farm Traffic Safety Improvemts.	500	4,000
UHH Kapi'olani St./Lanikaula St. Improvemts.	500	3,000

	Budget Request	
Category/Campus/Project	2013-2014	2014-2015
Health, Safety and Code Requirements (continued)		
HON Bakery & Foods Bldg. Floor Improvemts.	100	0
HON Campuswide Asbestos Remediation Ph.1	1,100	0
HON Print Shop/Pipe Fitters Asbestos Removal	710	0
HON Campuswide Switchgear Upgrade	1,800	0
LEE Electrical Cable/Transformer Replacemt.	1,300	0
LEE Campus Parking Light Imrprovemts.	1,060	0
WIN Uluwehi Bldg./Greenhouse Flood	,	
Mitigation	250	0
HAW Electricity Shop, Asbestos Removal	120	0
HAW Campus Parking Light Improvemt.	440	0
HAW Campuswide Electrical Sys Upgrade	3,375	0
HAW Carpentry Shop Dust Collector System	550	0
MAU High Voltage Transformer Replacemt.	510	0
KAU Performing Arts Bldg. Various Improvemts.	2,300	0
Toto Ferrorming Arts Blag. Various improvents.	2,500	9
Total Health, Safety, and Code Requirements	39,889 C	38,700 C

	Budget Request	
Category/Campus/Means of Financing	2013-2014	2014-2015
Capital Renewal and Deferred Maintenance (6 year funding plan to eliminate \$425 million backlog)		
By Campus UH Mānoa UH Hilo UH West Oʻahu Community College System	95,304 5,634 14 20,428	112,827 12,613 15 35,192
By Means of Financing C General Obligation Bond Fund	121,380 C	160,647 C

	Budget Request	
Category/Campus/Project	2013-2014	2014-2015
Project Renovate to Innovate		
UHM Snyder Hall Renovation	19,000 C	0 C
	19,000 E	0 E
UHM Holmes Hall Renovation	2,000 C	20,000 C
	2,000 E	20,000 E
UHM Marine Fisheries Bldg. Renovation	0	3,000 C
UHM Pacific Health Research Lab Infrastructure	5,000 C	0 C
UHM Research Facilities, Lot C, Kakaako	27,000 C	0 C
UHM Parking Structure for Kakaako Campus	17,000 E	0 E
UHH Spatial Data Analysis & Visualization Lab	200 C	1,750 C
UHH Food Engineering Safety Lab	200 C	1,750 C
UHH Keaukaha & Panaewa Research Renov.	300 C	5,750 C
UHH Lanikaula Army Reserve Renovation.	850 C	6,350 C
By Means of Financing		
C General Obligation Bond Fund E Revenue Bond	54,552 C 38,000 E	38,600 C 20,000 E

	Budget Request	
Category/Campus/Project	2013-2014	2014-2015
Minor CIP Projects		
UHM Campuswide Emergency Generator Replacemt.	3,000	3,000
UHM Campuswide Chill Water Line Upgrades	3,000	0
UHH Telephone/Data Modernization	1,850	0
UHH North Hawai'i Ed & Research Renovation	5,500	0
UHH Bookstore Renovation	2,850	0
UHH Hale Aloha Tenant Relocation Renov.	900	6,600
UHH Signage Improvemts.	250	1,500
WIN Naauao Bldg. Renovation	3,000	0
MAU Hale Haumana Renovation	3,500	0
KAP Kopiko Bldg. Renovation	3,500	0
LEE Cafeteria Renovation	0	2,000
LEE Bldgs. 8804 & 8805 Renov. Student Life	0	1,800
LEE AM & Science Bldg. Renovation	0	2,300
MAU Health Center Renovation	0	900
KAP Kauila Bldg. Renovation	0	3,000
By Means of Financing		
C General Obligation Bond Fund	27,350 C	21,100 C

	Budget Request	
Category/Campus/Project	2013-2014	2014-2015
Major CIP Projects - Shovel Ready		
UHM Marine Center Relocation	6,000 C	0 C
UHM Instructional Bldg. College of Ed	0 C	25,000 C
UHH College of Pharmacy	33,000 C	3,000 C
	5,000 E	0 E
UHWO Allied Health & Stem Bldg.	0 C	11,895 C
UHWO Academy of Creative Media Bldg.	0 C	10,700 C
UHWO Photovoltaic Over Parking Lot	4,975 C	0 C
HON Advanced Tech Training Ctr.	38,213 C	0 C
LEE Theater Renovations	7,500 C	0 C
KAP Naio Renovations	5,500 C	0 C
By Means of Financing		
C General Obligation Bond Fund	100,188 C	50,595 C
E Revenue Bond	5,000 E	0 E

	Budget Request	
Category/Campus/Project	2013-2014	2014-2015
Financially Leveraged Projects		
UHM Kuykendall Hall Renovation	18,000 C 18,000 E	0 C 0 E
UHM Law School Expansion	3,500 C 3,500 E	0 C 0 E
UHH Student Life Center Phase 2	0 B	350 B
By Means of Financing C General Obligation Bond Fund E Revenue Bonds B Special Funds	21,500 C 21,500 E 0 B	0 C 0 E 350 B

	Budget Request		
Category/Campus/Projects	2013-2014	2014-2015	
Various Planning and Design Projects			
UHM Master Plan	2,000	0	
UHM Law Library Center	3,300	0	
UHM Facilities/Transp. Office Relocation	`1,500	0	
UHM Hawaiinuiakea School of Hwn Knowledge	500	0	
UHH Kalakaua Marine Ed. Center at Puako	1,000	15,950	
UHWO Campus Development, Phase II	2,750		
HON Science Bld. Renov.	400	5,000	
HAW Komohana Infrastructure & Structures	7,050	15,000	
LEE Native Hawaiian Center for Excellence	2,000	0	
SYS Major CIP Planning	1,000	1,000	
SYS Project Adjustment Fund	4	4	
By Means of Financing			
C General Obligation Bond Fund	21,204 C	36,954 C	

	Budget Request		
Category/Campus/Means of Financing	2013-2014	2014-2015	
Grand Total - All Categories	445,563	366,946	
By Campus UH Mānoa UH Hilo UH West Oʻahu Community College System UH System	261,480 70,634 7,739 104,706 1,004	210,527 67,613 22,610 65,192 1,004	
By Means of Financing B Special Funds C General Obligation Bond Fund E Revenue Bonds N Federal Funds	0 B 381,061 C 64,500 E 2 N	350 B 346,596 C 20,000 E 0 N	

Fiscal Biennium 2013-2015 Total Request (Amounts in Thousands of Dollars)

	Budget Request				
Initiative/Description	2013-2014		2014-2015		
	Dollars	(FTE)	Dollars	(FTE)	
Hawaiʻi Graduation Initiative		,		, ,	
Outcome Based Funding	20,000		30,000		
Distance Learning & Educational Technology	1,000	(4)	1,500	(7)	
Engineering Consortium	1,200	(12)	2,900	(28)	
Na Pua No'eau	700	(12)	700	(12)	
Statewide Longitudinal Data System	200	(2)	400	(4)	
West O⁴ahu Campus Build-out Support	913	(22)	913	(22)	
Subtotal	24,013	(52)	36,413	(73)	
Hawaiʻi Innovation Initiative	5,875	(6)	13,960	(20)	
Stewardship of Facilities/Renovate to Innovate					
By Means of Financing					
B Special Funds	0		350		
C General Obligation Bond Fund	381,061		346,596		
E Revenue Bonds	64,500		20,000		
N Federal Funds	2		0		