



RTRF Report [FY-2007]

**Gary K. Ostrander
Vice Chancellor for Research
& Graduate Education**

Preamble

The return of indirect costs to the University of Hawai'i at Mānoa in the form of RTRF funds continues to grow. During FY-06 our faculty generated \$30,756,085 in RTRF which was largely expended this past fiscal year (FY-07) ending June 30, 2007. As is customary, after the deduction of some general expenses (e.g. RCUH) 25% of this total, less the presidential commitment for the John A. Burns School of Medicine of \$1,508,536, was kept at the level of the UH System (\$6,240,491) and 75% returned to Mānoa (\$23,007,058). Of this amount returned to Mānoa, 2/3 was returned directly to the units generating the funds. The remainder was distributed from the Office of the Vice Chancellor for Research and Graduate Education for research support (e.g. start-up, infrastructure, cost sharing, etc.).

Detailed on the following pages is a summary report for RTRF expenditures for FY-07. The format for this report is as requested by the Senate Executive Committee.

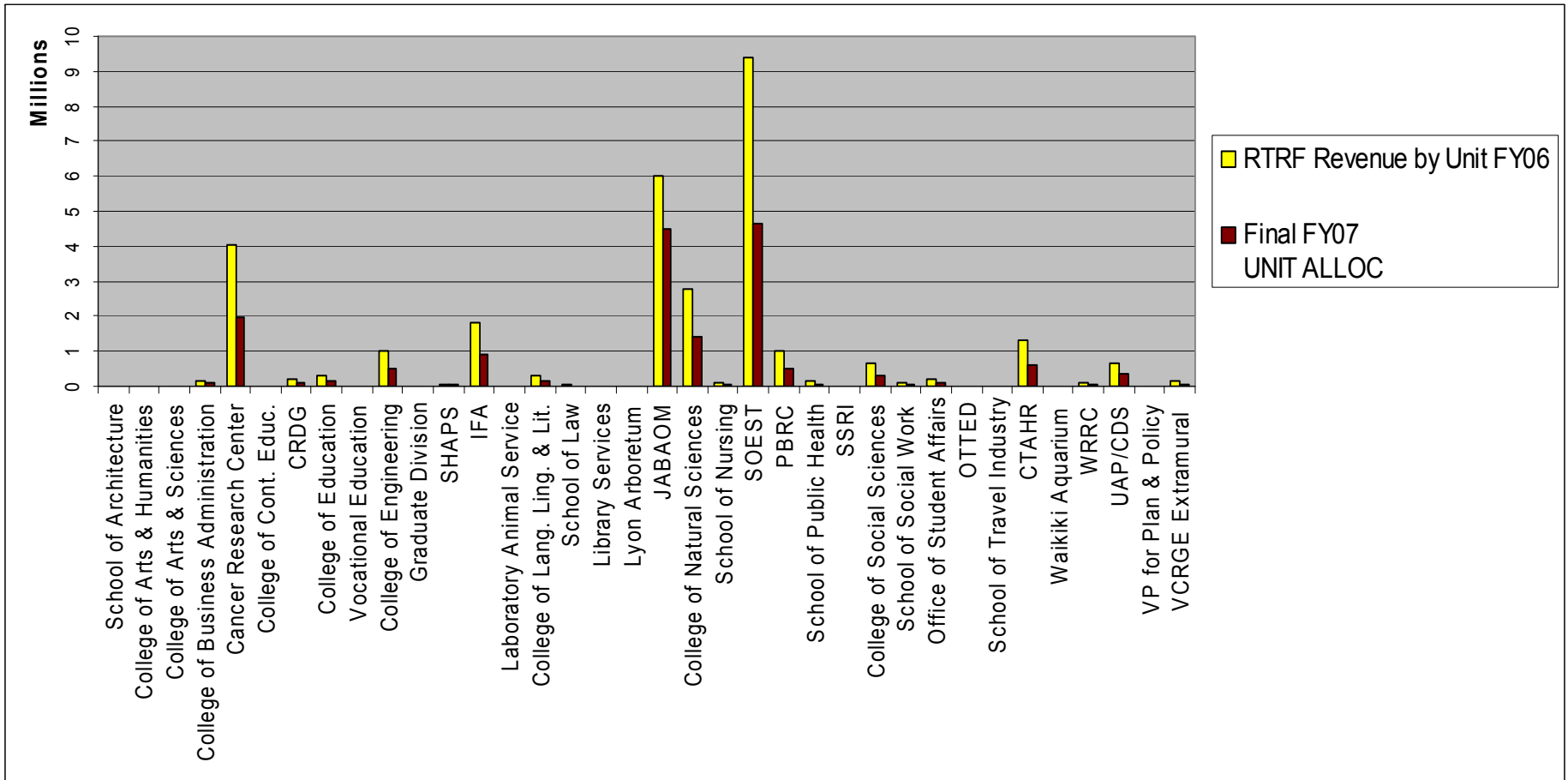
Federal funding for research has decreased. However, the University of Hawai'i continues to maintain vibrant and active research programs with approximately \$336,000,000 in research funds in FY-07. Presently, the federal funding picture is not very clear as significant federal dollars continue to flow to the war effort and the recovery efforts for Katrina. Nonetheless, the focus of the Office of the Vice Chancellor for Research and Graduate Education will be toward increase quality and quantity of the research/scholarship profile across the institution.

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Vice Chancellor for Research &
Graduate Education

How much RTRF is returned to Mānoa each year?

	FY 2004		FY 2005		FY 2006		FY 2007	
	%	Amount	%	Amount	%	Amount	%	Amount
Mānoa's Overhead Generated		24,606,410		27,114,339		28,767,841		30,756,085
Adjustments:								
Less: JABSOM (Presidential Commitment for FY 06 and FY 07)						5,491,961		6,034,140
TOTAL		<u>24,606,410</u>		<u>27,114,339</u>		<u>23,275,880</u>		<u>24,721,945</u>
System	10%	2,441,265	20%	5,422,868	25%	5,818,970	25%	6,240,492
Mānoa	90%	22,165,145	80%	21,691,471	75%	17,456,990	75%	18,481,453
TOTAL	100%	<u>24,606,410</u>	100%	<u>27,114,339</u>	100%	<u>23,275,960</u>	100%	<u>24,721,945</u>
Manoa's Allocation		22,165,145		21,691,470		17,456,990		18,481,453
Adjustments:								
Add: JABSOM's 75% Mānoa's share						4,118,891		4,525,605
TOTAL Mānoa Allocation from System		<u>22,165,145</u>		<u>21,691,470</u>		<u>21,575,881</u>		<u>23,007,058</u>
Returned to Units	63%	13,860,096	67%	14,460,981	67%	14,383,921	67%	15,378,042
Adjustments:								
Add: JABSOM 25% System share given back to Mānoa for JABSOM Distribution						1,372,910		1,508,536
		<u>13,860,096</u>		<u>14,460,981</u>		<u>15,756,831</u>		<u>16,886,578</u>
Retained for Distribution by the Mānoa Chancellor's Office		<u>8,305,049</u>		<u>7,230,489</u>		<u>5,819,050</u>		<u>6,120,480</u>

RTRF Revenue and Allocation (i.e. the “50% to the units”)



RTRF Revenue/Allocation

UNIT	RTRF Revenue by Unit FY06	FY07 UNIT ALLOC.	Adjustment for Accts Receivables	Final FY07 UNIT ALLOC
School of Architecture	\$4,752.44	\$2,376.00		\$2,376.00
College of Arts & Humanities	\$12,489.16	\$6,245.00		\$6,245.00
College of Arts & Sciences	\$23,309.05	\$11,655.00		\$11,655.00
College of Business Administration	\$174,576.83	\$87,288.00		\$87,288.00
Cancer Research Center	\$4,023,796.66	\$2,011,898.00	\$23,170.00	\$1,988,728.00
College of Cont. Educ.	\$5,945.47	\$2,973.00		\$2,973.00
Curriculum R&D Group	\$205,843.69	\$102,922.00	\$1,488.00	\$101,434.00
College of Education	\$319,862.46	\$159,931.00	\$10,216.00	\$149,715.00
Vocational Education	\$0.00	\$0.00		\$0.00
College of Engineering	\$1,028,359.93	\$514,180.00	\$8,561.00	\$505,619.00
Graduate Division	\$100.00	\$50.00		\$50.00
SHAPS	\$63,009.27	\$31,505.00		\$31,505.00
IFA	\$1,818,920.65	\$909,460.00	\$13,699.00	\$895,761.00
Laboratory Animal Service	\$0.00	\$0.00		\$0.00
College of Lang. Ling. & Lit.	\$300,740.37	\$150,370.00	\$3,172.00	\$147,198.00
School of Law	\$44,016.43	\$22,008.00		\$22,008.00
Library Services	\$0.00	\$0.00		\$0.00
Lyon Arboretum	\$0.00	\$0.00		\$0.00

RTRF Revenue/Allocation

(cont.)

College of Natural Sciences	\$2,799,101.97	\$1,399,551.00	\$7,046.00	\$1,392,505.00
School of Nursing	\$124,888.83	\$62,444.00	\$878.00	\$61,566.00
SOEST	\$9,406,084.33	\$4,703,042.00	\$66,758.00	\$4,636,284.00
PBRC	\$987,294.28	\$493,647.00	\$11,876.00	\$481,771.00
School of Public Health	\$148,269.55	\$74,135.00	\$6,755.00	\$67,380.00
SSRI	\$12,571.03	\$6,286.00	\$2,896.00	\$3,390.00
College of Social Sciences	\$660,010.23	\$330,005.00	\$13,655.00	\$316,350.00
School of Social Work	\$96,707.19	\$48,354.00	\$2,894.00	\$45,460.00
Office of Student Affairs	\$182,182.37	\$91,091.00	\$5,588.00	\$85,503.00
OTTED		\$0.00		\$0.00
School of Travel Industry Management	\$2,490.45	\$1,245.00	\$1,245.00	\$0.00
CTAHR	\$1,337,271.47	\$668,636.00	\$44,714.00	\$623,922.00
Waikiki Aquarium	\$3,253.65	\$1,627.00		\$1,627.00
WRRC	\$112,419.91	\$56,210.00	\$4,928.00	\$51,282.00
UAP/CDS	\$681,418.88	\$340,709.00	\$10,432.00	\$330,277.00
VP for Plan & Policy	\$2,014.59	\$1,007.00		\$1,007.00

RTRF Revenue/Allocation (cont.)

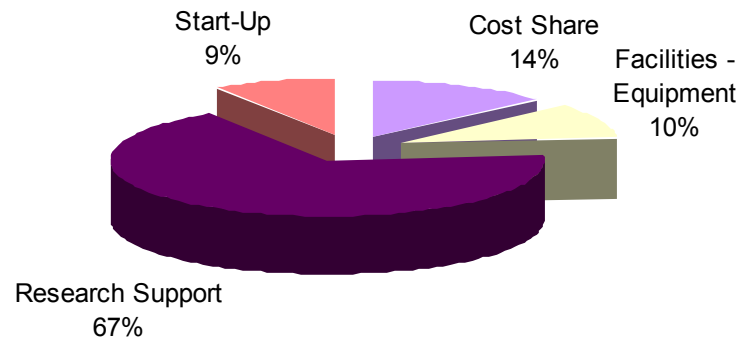
VCRGE Extramural	\$140,243.42	\$70,122.00		\$70,122.00
SUBTOTAL for Manoa	\$24,721,944.56	\$12,360,972.00	\$239,971.00	\$12,121,001.00
JABSOM	\$6,034,139.95	\$4,525,605.00	\$28,837.00	\$4,496,768.00
TOTAL for Mānoa	\$30,756,084.51	\$16,886,577.00	\$268,808.00	\$16,617,769.00
RTRF Returned to Mānoa			75%	\$23,007,058
RTRF Returned to Units (2/3 of Mānoa)			2/3	\$16,886,577
Mānoa Chancellors Office (1/3 of Mānoa)			1/3	\$6,120,481

VCRGE-RTRF Commitments at Manoa for FY-07

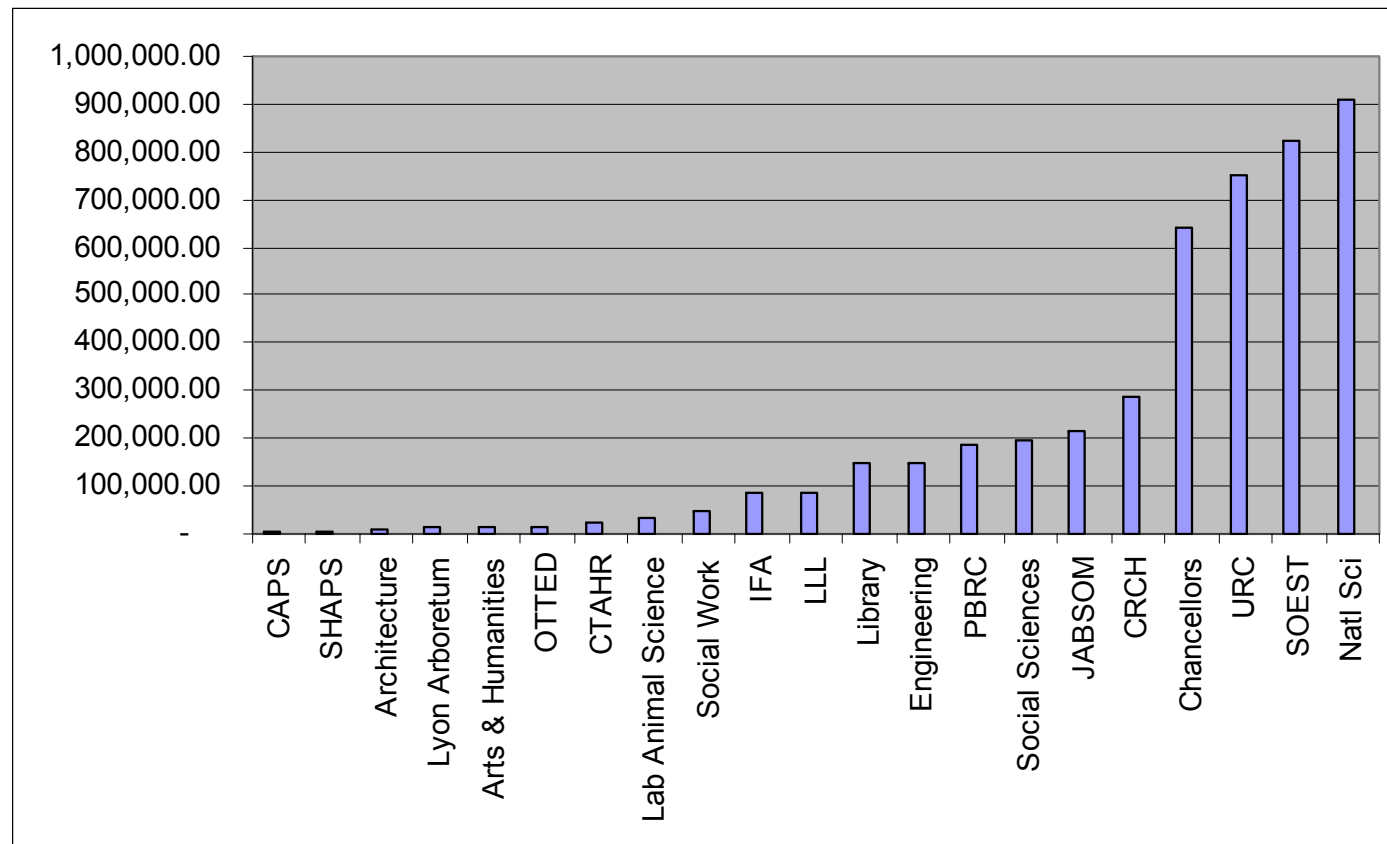
Purpose	TOTAL
Cost Share	636,900.00
Facilities - Equipment	453,000.00
Research Support	3,126,779.65
Start-Up	424,000.00
Grand Total	4,640,679.65

**RTRF Commitments For Mānoa
As of June 30, 2007
By Category**

How were the VCRGE-RTRF funds committed in FY 2007?



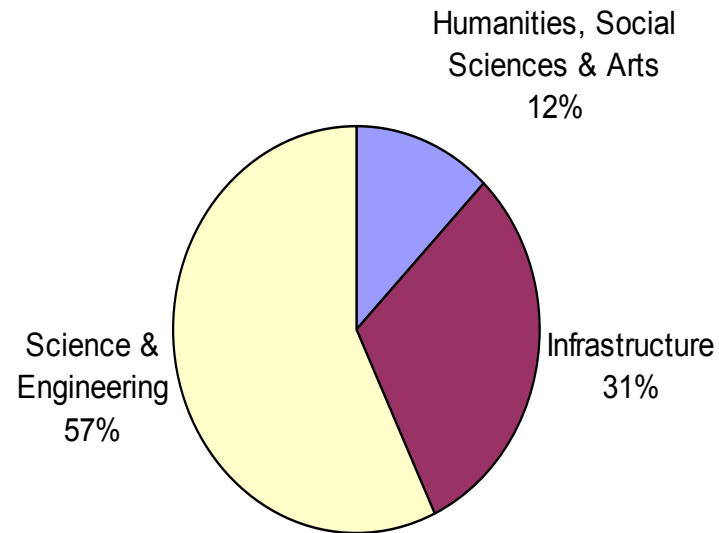
VCRGE-RTRF Commitments to the Units



VCRGE-RTRF Commitments to the Units

Department	Amount	%
CAPS	3,500.00	0.08%
SHAPS	5,000.00	0.11%
Architecture	10,000.00	0.22%
Lyon Arboretum	12,000.00	0.26%
Arts & Humanities	15,000.00	0.32%
OTTED	16,000.00	0.34%
CTAHR	26,000.00	0.56%
Lab Animal Science	32,000.00	0.69%
Social Work	47,760.00	1.03%
IFA	85,000.00	1.83%
LLL	86,000.00	1.85%
Library	149,139.82	3.21%
Engineering	150,000.00	3.23%
PBRC	186,900.00	4.03%
Social Sciences	193,851.27	4.18%
JABSOM	214,000.00	4.61%
CRCH	285,000.00	6.14%
Chancellors	641,155.00	13.82%
URC	751,500.00	16.19%
SOEST	822,132.18	17.72%
Natl Sci	908,741.38	19.58%
Grand Total	4,640,679.65	100.00%

VCRGE-RTRF Commitments by Discipline



VCRGE-RTRF Commitments

5 Largest Programs

	Cost Share	Facilities - Equipment	Research Support	Start-Up	Grand Total
CRCH			85,000	200,000	285,000
Chancellor (Research Initiatives)		100,000	541,155		641,155
URC			751,500		751,500
SOEST			772,132	50,000	822,132
Natl Sci	600,000	143,000	165,741		908,741
	600,000	243,000	2,315,528	250,000	3,408,528

[How were these commitments utilized?]

- Utilization is detailed in the next few slides.

RTRF Commitments

(As of June 30, 2007)

College - Department	Purpose	Account Title	P.I.	Amount
Architecture	Research Support	Architecture International Conference	Yeh, Ray	10,000.00
Arts & Humanities	Facilities - Equipment	Galss Forming Kit	Mills, Richard	10,000.00
Arts & Humanities	Research Support	Brecht Symposium	Bingham, Tom	5,000.00
CAPS	Research Support	GSO GA	Garrod, Peter	3,500.00
Chancellors	Research Support	Office Administration	Ostrander, Gary	250,000.00
Chancellors	Facilities - Equipment	Biomedical Sciences Building Addition	Syrmos, Vassilis	100,000.00
Chancellors	Research Support	Extramural Accounts Receivable	Ostrander, Gary	99,505.00
Chancellors	Research Support	JABSOM-CRCH Project	Ostrander, Gary	131,650.00
Chancellors	Research Support	Native Hawaiian Agriculture - Ho'omau	Ostrander, Gary	60,000.00
CRCH	Research Support	PO1 Meeting	Vogel, C.	5,000.00
CRCH	Start-Up	Start-up	Carbone, Michele	200,000.00
CRCH	Research Support	CRCH Business Plan	Kurashige, Ryan	80,000.00

RTRF Commitments (cont.)

CTAHR	Start-Up	Air Conditioning for Greenhouse	Grace, K.	25,000.00
CTAHR	Research Support	Aquaculture Meeting	Hashimoto, A	1,000.00
Engineering	Facilities - Equipment	Renovation of PEL	Crouch, Peter	150,000.00
IFA	Research Support	CCD Dectector/Controller System	Tonry, J.	10,000.00
IFA	Research Support	Discovery Mission Effort	Kudritzki/Taylor	75,000.00
JABSOM	Research Support	Hawai'i EXPORT Center	Mau, Marjorie	80,000.00
JABSOM	Start-Up	Start-Up	Moisyadi, Stefan	35,000.00
JABSOM	Start-Up	Start-Up	Ward, Monika	35,000.00
JABSOM	Start-Up	Start-Up	Yamazaki, Yukiko	29,000.00
JABSOM	Research Support	Research Support	Yanagimachi, Ryuzo	35,000.00
Lab Animal Science	Research Support	Facilities Manager for JABSOM	Kondo, Sylvia	30,000.00
Lab Animal Science	Research Support	LAS Uncollectible Account	Kondo, Sylvia	2,000.00
Library	Research Support	Web of Science	Schwarz, Robert	149,139.82

RTRF Commitments (cont.)

LLL	Research Support	GA	Bergen, Ben	6,000.00
LLL	Research Support	Retention	Omealy, Joseph	30,000.00
LLL	Start-Up	Linguistics Candidate - Nick	Omealy, Joseph	50,000.00
Lyon Arboretum	Research Support	Start-Up	Dunn, Christopher	12,000.00
Natl Sci	Research Support	IACUC Assistance	Duffy, David	18,540.00
Natl Sci	Facilities - Equipment	Laser Equipment matching Funds	Kaiser, Ralf	33,000.00
Natl Sci	Research Support	Lab	Duffy, David	20,000.00
Natl Sci	Cost Share	Keck Foundation	Kaiser, Ralf	600,000.00
Natl Sci	Facilities - Equipment	Equipment (LiDAR)	Chen, Qi	110,000.00
Natl Sci	Research Support	Post Doc/Video Equipment	McClatchy, Will	70,000.00
Natl Sci	Research Support	Curator	Laws, Ed	57,201.38
OTTED	Research Support	Kaunana	Cox, Richard	16,000.00

RTRF Commitments (cont.)

PBRC	Cost Share	FY 07 RTRF IGERT Matching	Wilcox, Bruce	36,900.00
PBRC	Facilities - Equipment	Electron Microscope Facility	Dunlap, Marilyn	50,000.00
PBRC	Research Support	Repairs and Upgrades at the Kewalo Marine Lab	Martindale, M.	100,000.00
SHAPS	Research Support	Philippine Centennial Conference	Aquino, Belinda	5,000.00
Social Sciences	Research Support	Native Hawaiian ABD/PHD Program	Dubanoski, Dick	70,000.00
Social Sciences	Research Support	Graduate Assistant	Chesney-Lind, Meda	13,713.27
Social Sciences	Research Support	Luce	Start, Miriam	105,138.00
Social Sciences	Research Support	Research Support	Watson, Trisha	5,000.00
Social Work	Research Support	FY 07 Werner Longitudinal Study	Matusoka, Jon	7,500.00
Social Work	Research Support	Nat'l Resource Center on Native Hawaiian Elders	Matsuoka, Jon	40,260.00

RTRF Commitments (cont.)

SOEST	Research Support	Discovery Mission Effort	Kudritzki/Taylor	75,000.00
SOEST	Start-Up	Start-Up	Thomas	50,000.00
SOEST	Research Support	Salary for Technical	Leong, Joann	12,394.18
SOEST	Research Support	Salary for Technical	Leong, Joann	51,388.00
SOEST	Research Support	Leonidas Small Satellite - VCR	Flynn, L.	500,000.00
SOEST	Research Support	Faculty Support	Taylor, Brian	43,350.00
SOEST	Research Support	Instrument Development	Lucey, Paul	40,000.00
SOEST	Research Support	Underwater Sensor	Wilkens, Roy	50,000.00
URC	Research Support	Faculty Research Grants	McArthur, Harold	439,100.00
URC	Research Support	Undergrad Summer Rsch Award	McArthur, Harold	100,000.00
URC	Research Support	SEED Grants	McArthur, Harold	100,000.00
URC	Research Support	Innovative Scholarship & Creative Works	McArthur, Harold	100,000.00
URC	Research Support	FY 2007 Research Relations	McArthur, Harold	10,900.00
URC	Research Support	2007 Student Excellence in Rsch	McArthur, Harold	1,500.00

4,640,679.65



What policies are currently in place for how the funds are spent within the University of Hawaii System, the UH Manoa Campus, and the Offices of our Deans and Units?

- Any extension to the award period must be approved by the VCRGE.
- Any deviation in expenditure must be approved by the VCRGE.

How are the funds used to support and build the research infrastructure that brought the funds into the University System?

- The VCRGE is directed to spend RTRF to support the research infrastructure of Manoa.
- A primary focus of the VCRGE is on those units that generated the funds.
- Expenditures are made in consultation with the relevant units, Deans, Directors and Faculty.

[What funds are projected for this year?]

- In FY 2007, Mānoa generated \$32,144,228.51 to be distributed in FY 2008. The return to Mānoa in FY 2008 will be approximately \$24,174,983, which includes the adjustment for C-MORE.

[How will these funds be distributed and utilized this year?]

- The same formula will be used for FY 2008. 2/3 of the Mānoa allocation will be distributed to the units generating the overhead revenue. 1/3 will be kept at Mānoa for research support (e.g. start-up, infrastructure, cost sharing, etc.).