



AGENDA

(REGULAR AND CONSENT)

**HOSPITAL AUTHORITY BOARD OF TRUSTEES
AND
UNIVERSITY BOARD OF TRUSTEES**

APRIL 7, 2006

MEDICAL UNIVERSITY HOSPITAL AUTHORITY

REGULAR AGENDA

Board of Trustees Meeting
Thursday, May 16, 2013
9:00 a.m.
101 Colcock Hall

Members of the Board of Trustees

Thomas L. Stephenson, Esquire, Chairman
Dr. James E. Wiseman, Jr., V-Chairman
Dr. Stanley C. Baker, Jr.
Mr. William H. Bingham, Sr.
Dr. Cotesworth P. Fishburne, Jr.
Mr. William B. Hewitt
Dr. Harold W. Jablon

Dr. Donald R. Johnson II
Dr. E. Conyers O'Bryan, Jr.
Dr. Thomas C. Rowland, Jr.
Mr. Charles W. Schulze
The Honorable Robin M. Tallon
Dr. Charles B. Thomas, Jr.

Trustees Emeriti

Mrs. Margaret M. Addison
The Honorable Robert C. Lake, Jr.
Mrs. Claudia W. Peeples
Mr. Allan E. Stalvey

Item 1. Call to Order-Roll Call.

Item 2. Secretary to Report Date of Next Meeting.

Regular Meeting: Friday, August 9, 2013

Item 3. Approval of Minutes of the Regular Meeting of the Medical University Hospital Authority of April 11, 2013.

Board Action:

RECOMMENDATIONS AND INFORMATIONAL REPORTS OF THE PRESIDENT

OLD BUSINESS:

NEW BUSINESS:

Item 4. General Informational Report of the President.

Statement: Dr. Greenberg will present a general report.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 5. Other Business.

MEDICAL UNIVERSITY HOSPITAL AUTHORITY OPERATIONS, QUALITY and FINANCE COMMITTEE. CHAIRMAN: DR. STANLEY C. BAKER, JR.

OLD BUSINESS:

NEW BUSINESS:

Item 6. MUSC Medical Center Status Report.

Statement: Dr. Pat Cawley will report on the status of the MUSC Medical Center.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 7. Resolution for the Refinancing of the Medical University Facilities Corporation Central Energy Plant (MUFC CEP).

Statement: A resolution will be presented regarding the refinancing of the MUFC CEP.

Recommendation of Administration: That the resolution be approved.

Board Action:

Item 8. MUSC Medical Center Financial and Statistical Report.

Statement: Mr. Steve Hargett will present the financial and statistical report for the MUSC Medical Center.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 9. Report on Quality and Patient Safety.

Statement: Dr. Barton Sachs will present a report on Quality and Patient Safety.

Recommendation of Administration: That the report be received as information.

Board Action:

Item 10. Report of the Vice President for Medical Affairs and Dean, College of Medicine.

Statement: Dean Pisano will present a report.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 11. Update on MUSC Physicians.

Statement: Dr. Phil Costello will report on MUSC Physicians activities.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 12. Legislative Update.

Statement: Mr. Faulkner/Sweatman will present an update on legislative issues.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 13. Other Committee Business.

CONSENT ITEM FOR APPROVAL:

Item 14. Medical University Hospital Authority Appointments, Reappointments and Delineation of Privileges.

CONSENT ITEMS FOR INFORMATION:

Item 15. Medical Executive Committee Minutes.

Item 16. Medical Center Contracts and Agreements.

**MEDICAL UNIVERSITY HOSPITAL AUTHORITY PHYSICAL FACILITIES COMMITTEE.
CHAIRMAN: MR. WILLIAM H. BINGHAM, SR.**

OLD BUSINESS:

NEW BUSINESS:

Item 17. Facilities Procurements/Contracts.

Statement: Mr. Dennis Frazier will present facilities procurements/contracts for approval.

Recommendation of Administration: That the facilities/contracts be approved.

Board Action:

Item 18. Project Update.

Statement: Mr. Dennis Frazier will present an update on various Medical Center facilities projects.

Recommendation of Administration: The report be received as information.

Board Action

Item 19. Other Committee Business.

CONSENT ITEM FOR INFORMATION:

Item 20. Facilities Contracts Awarded.

OTHER BUSINESS FOR THE BOARD OF TRUSTEES:

Item 21. Approval of Consent Agenda.

Statement: Approval of the Consent Agenda is requested.

Recommendation of Administration: That the consent agenda be approved.

Board Action:

Item 22. New Business for the Board of Trustees.

Item 23. Report from the Chairman.

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
(A Component Unit of MUSC)
Interim Financial Statements
March 31, 2013 and 2012

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MEDICAL UNIVERSITY HOSPITAL AUTHORITY
(A Component Unit of MUSC)
Balance Sheet
March 31, 2013 and June 30, 2012

Assets and Deferred Outflows	At 3/31/2013	FYE 06/30/2012 (Audited)
Current Assets:		
Cash and Cash Equivalents	\$ 42,569,810	\$ 33,154,233
Patient Accounts Receivable, Net of Allowance for Uncollectible Accounts of \$46,223,186 and \$52,200,000	156,911,592	153,830,121
Due from Related Parties	-	4,010,077
Due from Third-Party Payors	10,606,426	15,361,037
Other Current Assets	59,151,014	44,827,898
 Total Current Assets	 269,238,842	 251,183,366
 Investments Held by Trustees Under Indenture Agreements	 49,633,952	 87,405,332
Capital Assets, Net	520,128,283	521,915,647
Deferred Borrowing Costs	4,358,037	14,730,533
 Total Assets	 \$ 843,359,114	 \$ 875,234,878
 Deferred Outflows	 \$ 2,997,607	 \$ 3,861,867
 Total Assets and Deferred Outflows	 \$ 846,356,721	 \$ 879,096,745
 Liabilities and Net Position		
Current Liabilities:		
Current Installments of Long-Term Debt	\$ 14,842,191	\$ 11,365,000
Current Installments of Capital Lease Obligations	260,850	258,169
Current Installments of Notes Payable	4,077,138	10,968,665
Due to Related Parties	23,548,741	-
Accounts Payable	40,970,116	42,308,691
Accrued Payroll, Withholdings and Benefits	63,847,935	50,918,729
Other Accrued Expenses	1,748,385	12,597,844
 Total Current Liabilities	 149,295,356	 128,417,098
 Long-Term Debt	 350,263,289	 411,699,783
Capital Lease Obligations	419,180	615,154
Derivative Instruments	2,997,607	3,861,867
Notes Payable	61,652	607,004
Other Liabilities	4,297,826	6,314,386
 Total Liabilities	 507,334,910	 551,515,292
 Net Position:		
Invested in Capital Assets, Net of Related Debt	147,844,321	92,401,538
Restricted Under Indenture Agreements	49,633,952	87,401,823
UnRestricted	141,543,538	147,778,092
 Total Net Position	 339,021,811	 327,581,453
 Total Liabilities and Net Position	 \$ 846,356,721	 \$ 879,096,745

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
(A Component Unit of MUSC)
Statement of Revenues, Expenses and Changes in Net Position
For the 9 Month Periods Ending March 31, 2013 and 2012

	<u>2013</u>	<u>2012</u>
Operating Revenue:		
Net Patient Service Revenue	\$ 792,767,945	\$ 771,839,938
Other Revenue	<u>15,824,668</u>	<u>14,636,201</u>
Total Operating Revenue	<u>808,592,613</u>	<u>786,476,139</u>
Operating Expenses:		
Compensation and Employee Benefits	349,450,673	342,075,473
Services and Supplies	398,072,655	372,459,926
Depreciation and Amortization	<u>42,430,998</u>	<u>41,564,244</u>
Total Operating Expenses	<u>789,954,326</u>	<u>756,099,643</u>
Operating Income (Loss)	18,638,287	30,376,496
NonOperating Revenue (Expense):		
Investment Income	1,042,009	1,707,497
Interest Expense	(15,239,939)	(19,079,284)
Gain on GIC Termination	<u>7,000,000</u>	<u>-</u>
Total NonOperating Revenue (Expense)	<u>(7,197,930)</u>	<u>(17,371,787)</u>
Change in Net Position	<u>\$ 11,440,357</u>	<u>\$ 13,004,709</u>

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
(A Component Unit of MUSC)
SRECNA - Comparative Variance Analysis
For the 9 Month Periods March 31, 2013 and 2012

	Current Month			Comparative Period			Fiscal Year To Date			Comparative Period	
	Actual	Budget	Variance	Mar 2012	Variance		Actual	Budget	Variance	July-Mar FY2012	Variance
Operating Revenue:											
Net Patient Service Revenue	\$ 90,535,011	\$ 89,974,252	0.62%	\$ 87,638,432	3.31%		\$ 792,767,945	\$ 809,768,266	-2.10%	\$ 771,839,938	2.71%
Other Revenue	666,146	1,543,680	-56.85%	1,140,945	-41.61%		15,824,668	13,893,119	13.90%	14,636,201	8.12%
Total Operating Revenue	91,201,157	91,517,932	-0.35%	88,779,377	2.73%		808,592,613	823,661,385	-1.83%	786,476,139	2.81%
Operating Expenses:											
Compensation and Employee Benefits	39,358,875	40,214,294	2.13%	39,988,454	1.57%		349,450,673	361,928,648	3.45%	342,075,473	-2.16%
Services and Supplies	43,459,093	43,476,486	0.04%	42,345,679	-2.63%		398,072,655	391,288,371	-1.73%	372,459,926	-6.88%
Depreciation and Amortization	4,467,106	4,706,753	5.09%	4,379,875	-1.99%		42,430,998	42,360,776	-0.17%	41,564,244	-2.09%
Total Operating Expenses	87,285,074	88,397,533	1.26%	86,714,008	-0.66%		789,954,326	795,577,795	0.71%	756,099,643	-4.48%
Operating Income (Loss)	3,916,083	3,120,399	25.50%	2,065,369	89.61%		18,638,287	28,083,590	-33.63%	30,376,496	-38.64%
Operating Margin	4.29%	3.41%		2.33%			2.31%	3.41%		3.86%	
NonOperating Revenue (Expense):											
Investment Income	(154,164)	175,909	-187.64%	59,614	-358.60%		1,042,009	1,583,183	-34.18%	1,707,497	-38.97%
Interest Expense	(1,254,655)	(2,032,433)	38.27%	(2,052,132)	38.86%		(15,239,939)	(18,291,900)	16.68%	(19,079,284)	20.12%
Gain on GIC Termination	-	-		-			7,000,000	-		-	
Total NonOperating Revenue (Expense)	(1,408,819)	(1,856,524)	24.12%	(1,992,518)	29.29%		(7,197,930)	(16,708,717)	56.92%	(17,371,787)	58.57%
Change in Net Position	\$ 2,507,264	\$ 1,263,875	98.38%	\$ 72,851	3341.63%		\$ 11,440,357	\$ 11,374,873	0.58%	\$ 13,004,709	-12.03%

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
(A Component Unit of MUSC)
Schedule of Functional Expenses
For the 9 Month Periods Ending March 31, 2013 and 2012

	<u>2013</u>	<u>2012</u>
Nursing Services:		
Administration and Education	22,095,642	\$ 21,365,917
Medical and Surgical	45,519,151	46,096,506
Pediatrics	12,368,353	11,048,540
Emergency and Trauma Units	16,093,895	17,417,692
Intensive Care Units	41,902,239	41,605,107
Coronary Care Units	2,989,248	2,946,962
Psychiatric	18,351,372	18,201,000
Operating Rooms	25,540,874	27,334,891
Recovery Rooms	3,381,792	3,369,446
Delivery and Labor Rooms	3,111,339	3,242,272
Obstetrics	4,490,740	4,243,469
Total Nursing Services	<u>\$ 195,844,645</u>	<u>\$ 196,871,802</u>
Other Professional Services:		
Laboratories and Laboratory Support	\$ 37,204,495	\$ 37,006,346
Electrocardiology	4,585,275	4,415,766
Radiology	19,518,736	18,925,688
Pharmacy	78,432,526	76,064,399
Heart Catheterization	7,769,243	7,583,692
Central Services and Supply	64,498,028	61,546,039
Anesthesiology	14,782,781	15,603,838
Nuclear Medicine	863,403	864,791
Respiratory Therapy	10,585,186	10,431,330
Physical Medicine	6,391,434	7,227,846
Dialysis	1,625,785	1,694,476
Pathology	3,047,302	3,034,692
Transplant	16,729,778	17,572,700
Other Miscellaneous Services	13,069,321	12,484,892
Medical Records and Quality Assurance	5,550,722	4,984,366
Resident Support	30,515,089	28,903,651
Total Other Professional Services	<u>\$ 315,169,104</u>	<u>\$ 308,344,512</u>
General Services:		
Dietary	\$ 11,592,487	\$ 11,430,775
Plant Ops, Maintenance, Security	45,335,135	43,658,398
Housekeeping	12,734,116	11,212,119
Total General Services	<u>\$ 69,661,738</u>	<u>\$ 66,301,292</u>
Fiscal and Administrative Services:		
Admitting	\$ 5,151,993	\$ 4,902,439
Administration	48,842,858	42,121,861
Shared Services	7,750,357	8,803,499
MUSC Support	13,468,301	3,294,703
Accounting	7,125,273	4,414,746
Hospital Patient Accounting	7,718,040	7,651,803
Marketing	5,506,265	4,689,618
Human Resources	1,923,053	1,887,202
Communications	1,502,630	1,425,275
Computer Services	31,501,127	25,983,142
Total Fiscal and Administrative Services	<u>\$ 130,489,897</u>	<u>\$ 105,174,288</u>
Ambulatory Care:		
Ambulatory Care	\$ 36,357,944	\$ 37,843,505
Total Ambulatory Care	<u>\$ 36,357,944</u>	<u>\$ 37,843,505</u>
Other:		
Depreciation	\$ 42,430,998	\$ 41,564,244
Interest	15,239,939	19,079,284
Total Other	<u>\$ 57,670,937</u>	<u>\$ 60,643,528</u>
Total Expenses	<u>\$ 805,194,265</u>	<u>\$ 775,178,927</u>

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
(A Component Unit of MUSC)
Schedule of Revenues and Expenses - Actual versus Budget
For the 9 Month Period Ending March 31, 2013

	<u>Approved Budget</u>	<u>Year To Date Budget</u>	<u>Actual</u>	<u>Variance Favorable/ Unfavorable</u>	
Operating Revenue:					
Patient Service Revenue:					
Patient Service Revenue net of Charity Care	2,703,551,830	2,027,663,872	2,036,138,842	8,474,970	F
Additions (Deductions) To/From Patient Service Revenue:					
Contractual and Other Adjustments	(1,661,323,720)	(1,245,992,790)	(1,271,468,081)	25,475,291	U
Payment from DHHS	18,628,621	13,971,466	13,971,466	-	F
Disproportionate Share	18,834,290	14,125,718	14,125,718	-	F
Net Additions (Deductions) To/From Patient Service Revenue	(1,623,860,809)	(1,217,895,606)	(1,243,370,897)	25,475,291	U
Net Patient Service Revenue	1,079,691,021	809,768,266	792,767,945	17,000,321	U
Other Operating Revenue:					
Other and IIT Transfers	18,524,158	13,893,119	15,824,668	1,931,549	F
Total Other Operating Revenue	18,524,158	13,893,119	15,824,668	1,931,549	F
Total Operating Revenue	\$ 1,098,215,179	\$ 823,661,385	\$ 808,592,613	\$ 15,068,772	U
Operating Expenses:					
Nursing Services	\$ 268,966,629	\$ 201,724,972	\$ 195,844,645	\$ 5,880,327	F
Other Professional Services	426,885,327	320,163,995	315,169,104	4,994,891	F
General Services	90,390,817	67,793,113	69,661,738	1,868,625	U
Fiscal and Administrative Services	166,419,862	124,814,897	130,489,897	5,675,000	U
Ambulatory Care	51,626,723	38,720,042	36,357,944	2,362,098	F
Other Expenses	56,481,035	42,360,776	42,430,998	70,222	U
Total Operating Expenses	1,060,770,393	795,577,795	789,954,326	5,623,469	F
Income (Loss) from Operations	37,444,786	28,083,590	18,638,287	9,445,303	U
NonOperating Revenue (Expense):					
Interest and Investments	(22,278,289)	(16,708,717)	(14,197,930)	2,510,787	F
Gain on GIC Termination	-	-	7,000,000	7,000,000	F
Total NonOperating Revenue (Expense)	(22,278,289)	(16,708,717)	(7,197,930)	9,510,787	F
Change in Net Position	<u>\$ 15,166,497</u>	<u>\$ 11,374,873</u>	<u>\$ 11,440,357</u>	<u>\$ 65,484</u>	F

MEDICAL UNIVERSITY HOSPITAL AUTHORITY

(A Component Unit of MUSC)

Schedule of Functional Expenses - Actual versus Budget
For the 9 Month Period Ending March 31, 2013

	Approved Budget	Year To Date Budget	Actual	Variance Favorable/ Unfavorable
Nursing Services:				
Administration and Education	\$ 31,156,288	\$ 23,367,216	\$ 22,095,642	\$ 1,271,574 F
Medical and Surgical	61,783,783	46,337,837	45,519,151	818,686 F
Pediatrics	16,046,878	12,035,159	12,368,353	333,194 U
Emergency and Trauma Units	23,041,897	17,281,423	16,093,895	1,187,528 F
Intensive Care Units	56,800,671	42,600,503	41,902,239	698,264 F
Coronary Care Units	4,037,538	3,028,154	2,989,248	38,906 F
Psychiatric	24,979,391	18,734,543	18,351,372	383,171 F
Operating Rooms	36,478,832	27,359,124	25,540,874	1,818,250 F
Recovery Rooms	4,541,016	3,405,762	3,381,792	23,970 F
Delivery and Labor Rooms	4,244,363	3,183,272	3,111,339	71,933 F
Obstetrics	5,855,972	4,391,979	4,490,740	98,761 U
Total Nursing Services	<u>\$ 268,966,629</u>	<u>\$ 201,724,972</u>	<u>\$ 195,844,645</u>	<u>\$ 5,880,327 F</u>
Other Professional Services:				
Laboratories and Laboratory Support	\$ 50,935,418	\$ 38,201,564	\$ 37,204,495	\$ 997,069 F
Electrocardiology	6,290,254	4,717,691	4,585,275	132,416 F
Radiology	23,726,362	17,794,772	19,518,736	1,723,964 U
Pharmacy	107,713,133	80,784,850	78,432,526	2,352,324 F
Heart Catheterization	10,636,954	7,977,716	7,769,243	208,473 F
Central Services and Supply	82,334,251	61,750,688	64,498,028	2,747,340 U
Anesthesiology	22,289,030	16,716,773	14,782,781	1,933,992 F
Nuclear Medicine	1,171,299	878,474	863,403	15,071 F
Respiratory Therapy	15,163,592	11,372,694	10,585,186	787,508 F
Physical Medicine	8,153,540	6,115,155	6,391,434	276,279 U
Dialysis	2,340,560	1,755,420	1,625,785	129,635 F
Pathology	4,185,122	3,138,842	3,047,302	91,540 F
Transplant	26,256,502	19,692,377	16,729,778	2,962,599 F
Other Miscellaneous Services	17,724,008	13,293,006	13,069,321	223,685 F
Medical Records and Quality Assurance	7,904,869	5,928,652	5,550,722	377,930 F
Resident Support	40,060,433	30,045,325	30,515,089	469,764 U
Total Other Professional Services	<u>\$ 426,885,327</u>	<u>\$ 320,163,995</u>	<u>\$ 315,169,104</u>	<u>\$ 4,994,891 F</u>
General services:				
Dietary	\$ 15,623,487	\$ 11,717,615	\$ 11,592,487	\$ 125,128 F
Plant Ops, Maintenance, Security	58,926,446	44,194,835	45,335,135	1,140,300 U
Housekeeping	15,840,884	11,880,663	12,734,116	853,453 U
Total General Services	<u>\$ 90,390,817</u>	<u>\$ 67,793,113</u>	<u>\$ 69,661,738</u>	<u>\$ 1,868,625 U</u>
Fiscal and Administrative Services:				
Admitting	\$ 7,052,532	\$ 5,289,399	\$ 5,151,993	\$ 137,406 F
Administration	59,773,978	44,830,484	48,842,858	4,012,374 U
Shared Services	11,564,261	8,673,196	7,750,357	926,995 F
MUSC Support	15,939,687	11,954,765	13,468,301	1,513,536 U
Accounting	8,157,354	6,118,016	7,125,273	1,007,257 U
Hospital Patient Accounting	10,713,780	8,035,335	7,718,040	317,295 F
Marketing	10,181,966	7,636,475	5,506,265	2,130,210 F
Human Resources	3,354,638	2,515,979	1,923,053	592,926 F
Communications	2,051,609	1,538,707	1,502,630	36,077 F
Computer Services	37,630,057	28,222,543	31,501,127	3,278,584 U
Total Fiscal and Administrative Services	<u>\$ 166,419,862</u>	<u>\$ 124,814,897</u>	<u>\$ 130,489,897</u>	<u>\$ 5,675,000 U</u>
Ambulatory Care:				
Ambulatory Care	<u>\$ 51,626,723</u>	<u>\$ 38,720,042</u>	<u>\$ 36,357,944</u>	<u>\$ 2,362,098 F</u>
Total Ambulatory Care	<u>\$ 51,626,723</u>	<u>\$ 38,720,042</u>	<u>\$ 36,357,944</u>	<u>\$ 2,362,098 F</u>
Other:				
Depreciation	\$ 56,481,035	\$ 42,360,776	\$ 42,430,998	\$ 70,222 U
Interest	24,389,200	18,291,900	15,239,939	3,051,961 F
Total Other	<u>\$ 80,870,235</u>	<u>\$ 60,652,676</u>	<u>\$ 57,670,937</u>	<u>\$ 2,981,739 F</u>
Total Expenses	<u>\$ 1,085,159,593</u>	<u>\$ 813,869,695</u>	<u>\$ 805,194,265</u>	<u>\$ 8,675,430 F</u>

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
Notes to the Interim Financial Statements

Balance Sheet: At 03/31/2013 and for the Year ended 6/30/2012

Assets:

Cash and cash equivalents increased \$9.4 million to \$42.6 million from June 30th, 2012. The increase is a result of several factors from recent performance. March, 2013 was a record collection month for the Patient Financial Services, \$7.7 million in Medicaid managed care graduate medical education payments were received on March 29th, and the HUD debt service payments are now approximately \$300k per month less than pre-refinancing amounts.

Net patient accounts receivable has increased \$3.1 million from June 30, 2012. The case mix index (an indication of patient acuity) is up for the first nine months of FY 13 (1.7942 versus 1.7566) when compared to the prior year average. March's case mix increased slightly to 1.7889 from February's 1.788. CMI for the month of March, FY '12 was 1.8627. Year to date collections are running 99.3% of net patient revenue, compared to the 99.4% collection rate for all of last fiscal year.

Other Current Assets increased by \$14.3 million from 6/30/12 driven mainly by increases in prepaid maintenance contracts (IT and radiology related), payroll related insurance, and Medicaid uninsured program (DSH) a/r.

Liabilities:

As of March, 2013 Current Installments of Long-Term Debt include \$13.1 million HUD related debt and \$1.7 million for debt related to the Central Energy Plant. Current Installments of Notes Payable relate to Bank of America capital loan program for ART equipment. Once this note payment is made, a small final payment of approximately \$70,000 due six months later remains.

Overall, post December refinancing date, HUD related long term debt (net of deferred issuance costs) decreased \$52,000,000. Prior to the December refinancing, principal was paid semi-annually, under the new debt structure, principal is paid monthly. Total long term debt (including current portion) has declined \$65.4 million since June.

The decrease in other accrued expenses is a result of payment of accrued interest (reduction) and eliminating the accrued interest payable as part of the debt refinancing in December.

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
Notes to the Interim Financial Statements

Statement of Revenues, Expenses and Changes in Net Assets: For the nine months ended March 31, 2013 and 2012

Operating Revenues:

Net patient revenue is up 2.71% from the same period last year. Inpatient census is up less than 1% compared to last March – driven by an increase in Institute of Psychiatry volume. E R visits are up 5.3% as the charging issues resulting from the implementation of the Epic ED electronic medical record in November have been corrected. Operating room cases are up 1.8%. Transplant cases are down 16% compared to last year. MRI procedures are down 5.6% (one machine temporarily out of service) while CT procedures are up slightly. Outpatient visits are up almost 1%. Average case mix index (indicator of patient acuity) decreased from 1.86 to 1.79 when compared to the same period last year. The Medicare length of stay at 6.2 days is down 0.2 days compared to same period last year.

On a volume adjusted basis (adjusted discharges) net patient revenue is up 1.8% at \$17,479 per case. This is a result of an increase in acuity for the year and surgical cases.

Operating Expenses:

When compared to the same period last fiscal year salaries and benefits increased \$7 million (2.2%). Staffing has increased by 58 fte's for EPIC, while volume and new services are driving the remaining increase.

Services and supplies are up 6.9% compared to last year. The increase in the commitment for the Dean of the College of Medicine (\$9.75 million YTD increase), shared services utility costs from MUSC, equipment operating leases, and Epic system conversion costs (up \$4 million) are responsible for the increase.

Depreciation and Amortization costs are up 2.1% year over year driven by increased capital expenditures related to Epic ambulatory project.

Non Operating Expense

Interest expense is down \$3.8 million (20%) based on lower long-term debt balances and interest rate reduction.

MEDICAL UNIVERSITY HOSPITAL AUTHORITY
Notes to the Interim Financial Statements

Budget Comparison:

As of March, 2013 MUHA's net income is at budget. The operating margin is 2.31% compared to 3.41% budget.

Net patient service revenues are below budget by 2.1%, while operating expenses are 0.71% below budget. The favorable variance is less than expected due to unbudgeted Epic related costs.

Unusual and non-recurring items impacting current month earnings:

Implementation of GASB 53 – accounting and financial reporting for derivative instruments occurred in fiscal 2010. While this does not have an immediate impact on the income statement, the negative value of the interest rate hedge associated with the central energy plant financing is reflected on the balance sheet in the asset section as a deferred outflow and in the long-term debt section titled “Derivative Instruments”. The negative balance of \$3 million at 03/31/13 is down slightly from 6/30/12.

On December 19, 2012 the 2004 HUD debt was refinanced resulting in substantial savings in interest expense. Long term debt was reduced when funds in the debt service reserve and other accounts of approximately \$45 million were made available to reduce principle. Interest rate is fixed at 2.94% and amortization schedule was not extended.

**FACILITIES
HOSPITAL AUTHORITY
NEW LEASE
FOR APPROVAL**

May 16, 2013

DESCRIPTION OF NEW LEASE: This lease agreement is for 7,629 square feet of clinical space located at 1145 Johnnie Dodds Boulevard. The purpose of this lease is to provide space for the Therapeutic Services, Physical Therapy/Occupational Therapy in the Mount Pleasant Area. The cost per square foot for this lease is \$23.00. The monthly rental rate will be \$14,622.25, resulting in an annual rent amount of \$175,467.00. Rent shall increase 2% annually.

Build-out costs are expected to be included in the rental amount. An additional estimated \$50,000 in additional costs shall be paid by MUHA separate from the lease agreement for IT installation, wiring and security.

NEW LEASE AGREEMENT X
RENEWAL LEASE AGREEMENT

LANDLORD: New Market Centre, LLC

LANDLORD CONTACT: Blair Belk, 952-2060

TENANT NAME AND CONTACT: Sally Potts, Therapeutic Services, Director, 792-3246

SOURCE OF FUNDS: Hospital General Operating Funds

LEASE TERMS:

TERM: Five (5) years [9/1/2013-8/31/2018]

AMOUNT PER SQUARE FOOT: \$23.00

ANNUALIZED LEASE COST:

Year 1 \$175,467.00

Year 2 \$178,976.34

Year 3 \$182,555.87

Year 4 \$186,206.99

Year 5 \$189,931.13

TOTAL AMOUNT OF LEASE TERM: \$913,137.33

EXTENDED TERM(S): To be negotiated.

OPERATING COSTS:

FULL SERVICE

NET X

**FACILITIES
HOSPITAL AUTHORITY
NEW LEASE
FOR APPROVAL**

May 16, 2013

DESCRIPTION OF NEW LEASE: This lease agreement is for 5,430 square feet of clinical space located at the intersection of Ladson Road and Adams Avenue. The purpose of this lease is to provide space for the Children's Hospital, After Hours Care in the Summerville area. The cost per square foot for this lease is \$23.50. The monthly rental rate will be \$10,633.75, resulting in an annual rent amount of \$127,605.00. Rent shall increase 2% annually.

Build-out costs are included in the annual rent. An estimated \$50,000 in additional costs shall be paid by MUHA separate from the lease agreement for IT installation, switch installation, wiring and security.

NEW LEASE AGREEMENT X
RENEWAL LEASE AGREEMENT _____

LANDLORD: PR Properties of Summerville, LLC

LANDLORD CONTACT: Robert Pratt, 576-2705

TENANT NAME AND CONTACT: John Sanders, Children's Hospital, Administrator, 792-6935

SOURCE OF FUNDS: Hospital General Operating Funds

LEASE TERMS:

TERM: Ten (10) years [9/1/2013-8/31/2023]

AMOUNT PER SQUARE FOOT: \$23.50

ANNUALIZED LEASE COST:

Year 1	\$127,605.00	Year 6	\$140,886.22
Year 2	\$130,157.10	Year 7	\$143,703.94
Year 3	\$132,760.24	Year 8	\$146,578.02
Year 4	\$135,415.44	Year 9	\$149,509.58
Year 5	\$138,123.75	Year 10	\$155,499.77

TOTAL AMOUNT OF LEASE TERM: \$1,400,239.06

EXTENDED TERM(S): To be negotiated.

OPERATING COSTS:

FULL SERVICE _____

NET X

MEDICAL UNIVERSITY HOSPITAL AUTHORITY

CONSENT AGENDA

Board of Trustees Meeting
Thursday, May 16, 2013
101 Colcock Hall

Members of the Board of Trustees

Thomas L. Stephenson, Esquire, Chairman
Dr. James E. Wiseman, Jr., V-Chairman
Dr. Stanley C. Baker, Jr.
Mr. William H. Bingham, Sr.
Dr. Cotesworth P. Fishburne, Jr.
Mr. William B. Hewitt
Dr. Harold W. Jablon

Dr. Donald R. Johnson II
Dr. E. Conyers O'Bryan, Jr.
Dr. Thomas C. Rowland, Jr.
Mr. Charles W. Schulze
The Honorable Robin M. Tallon
Dr. Charles B. Thomas, Jr.

Trustees Emeriti

Mrs. Margaret M. Addison
The Honorable Robert C. Lake, Jr.
Mrs. Claudia W. Peebles
Mr. Allan E. Stalvey

**AUTHORITY OPERATIONS and FINANCE COMMITTEE
CHAIRMAN: DR. STANLEY C. BAKER, JR.**

(APPROVAL ITEMS)

Item 14. Medical University Hospital Authority Appointments, Reappointments and Delineation of Privileges.

Statement: Approval will be sought for the appointments, reappointments and delineation of privileges of the Medical and Allied Health Staff.

Recommendation of Administration: That the appointments, reappointments and delineation of privileges be approved.

Board Action:

(INFORMATIONAL ITEMS)

Item 15. Medical Executive Committee Minutes.

Statement: The minutes of the Medical Executive Committee will be presented.

Recommendation of Administration: That the minutes be received as information.

Board Action:

Item 16. Medical Center Contracts and Agreements.

Statement: The contracts and agreements signed since the last board meeting will be presented for information.

Recommendation of Administration: That the contracts and agreements be received as information.

Board Action:

**AUTHORITY OPERATIONS PHYSICAL FACILITIES COMMITTEE
CHAIRMAN: MR. WILLIAM H. BINGHAM, SR.**

(INFORMATIONAL ITEM)

Item 20. Facilities Contracts Awarded.

Statement: The facilities contracts awarded since the last meeting will be presented for information.

Recommendation of Administration: That the contracts be received as information.

Board Action:

Board of Trustees Credentialing Subcommittee - March 2013

The Medical Executive Committee reviewed the following applicants on March 20, 2013 and recommends approval by
the Medical Executive Committee

Medical Staff Initial Appointment and Privileges

John W. Gnann, Jr., M.D.	Active Provisional	Medicine
Kathryn Meghan Hewett, M.D.	Active Provisional	Pediatrics
Edward J. Kosnik, M.D.	Active Provisional	Neurosciences
Richard W. Rissmiller, Jr., M.D.	Active Provisional	Medicine

Medical Staff Reappointment and Privileges

Anne Elizabeth Sutherland Abel, M.D., M.S.	Active	Pediatrics
James H Abernathy, III, M.D., M.P.H	Active	Anesthesiology
George Hamilton Baker, M.D.	Active	Pediatrics
Varsha Madhukar Bandisode, M.D.	Active	Pediatrics
Kelly Barth, D.O.	Active	Psychiatry
Fred C. Brown, M.D.	Active	Medicine
L.W. Preston Church, M.D.	Active	Medicine
Milton J. Foust, Jr., M.D.	Active	Psychiatry
Stephen P. Gibert, Jr., M.D., Ph.D.	Active	Anesthesiology
Pierre Giglio, M.D.	Active	Neurosciences
Marion B. Gillespie, M.D.	Active	Otolaryngology
John A. Glaser, M.D.	Active	Orthopaedic Surgery
Juanmanuel Gomez, M.D., M.S.C.R	Active	Medicine
Richard H. Gross, M.D.	Active	Orthopaedic Surgery
Geoffrey Edwin Hayden, M.D.	Active Provisional	Medicine
Michael G. Huber, M.D.	Affiliate - Refer & Follow	Psychiatry
Edward Charles Jauch, M.D., M.S.	Active	Medicine
Joseph M. Jenrette, M.D.	Active	Radiation Oncology
Donna D. Johnson, M.D.	Active	Services
Eric J. Larson, M.D.	Active	Medicine
Angello Lin, M.D.	Active	Surgery
Robert J. Malcolm, M.D.	Active	Psychiatry
John S. Metcalf, M.D.	Active	Pathology & Lab. Med.
Jacobo E. Mintzer, M.D., M.B.A.	Active	Neurosciences
Kenkichi Nozaki, M.D., Ph.D.	Active	Neurosciences
Christopher G. Pelic, M.D.	Active	Psychiatry
Cassandra D. Salgado, M.D., M.S.	Active	Medicine
Edward Baron Short, M.D., M.S.C.R	Active	Psychiatry
Gerard A. Silvestri, M.D.	Active	Medicine
Arthur R Smith, M.D.	Active	Anesthesiology
Ronald J. Teufel, II, M.D., M.S.C.R	Active	Pediatrics
Tanya Nadine Turan, M.D., M.S.C.R	Active	Neurosciences
Deanna D Vroman, M.D.	Active	Medicine
Simon Watson, M.D.	Active	Medicine
David J. Walsh, M.D.	Active Provisional	Neurosciences
George O. Waring, IV, M.D.	Active Provisional	Ophthalmology
Sally A. Webb, M.D.	Active	Pediatrics
Kristin Rebecca Wise, M.D.	Active Provisional	Medicine

Medical Staff Reappointment and Change in Privileges

Antine E. Stenbit, M.D., Ph.D.	Active	Medicine	Addition of Moderate Sedation
Raymond Dwight Turner, IV, M.D.	Active	Neurosciences	Addition of Moderate Sedation and Critical Care privileges

Medical Staff Change in Privileges

Emily A Darr, M.D.	Active	Orthopaedic Surgery	Addition of Moderate Sedation
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Professional Staff Initial Appointment and Privileges

Angela Moreland Begle, Ph.D.	Provisional Allied Health	Psychiatry
Kelley E. Deaton (Scottaline), P.N.P.	Provisional Allied Health	Pediatrics
Michael R. McCart, Ph.D.	Provisional Allied Health	Psychiatry
Kathryn F. Meltzer (Morrow), P.A.C.	Provisional Allied Health	Neurosciences
Angela Sczypta, P.A., M.P.A.S.	Provisional Allied Health	Pediatrics

Professional Staff Reappointment and Privileges

Jesica Cleveland Archie , M.S.N., P.N.P.	Provisional Allied Health	Orthopaedic Surgery
Connie L. Best, Ph.D.	Allied Health	Psychiatry
Ginger L Brister, C.R.N.A., M.H.S.	Allied Health	Anesthesiology
Geoffrey Plummer Cheek, M.S.W.	Allied Health	Psychiatry
Natalia Davila, M.S.N., P.N.P., M.A.	Provisional Allied Health	Pediatrics
Lori B. Donahoo (Burton), MSN, P.N.P.	Allied Health	Pediatrics
Martha Jane Krauss C.N.M., A.P.R.N.	Provisional Allied Health	Obstetrics & Gynecology
Jennifer Marshall, P.A.C.	Allied Health	Neurosciences
Aiken McDowell McNair, B.S., P.A.C.	Provisional Allied Health	Medicine
Darlene L. Shaw, Ph.D.	Allied Health	Psychiatry
Georgette M. Smith, B.S.N., MSN, P.N.P.	Allied Health	Neurosciences
Cynthia Paige Thompson , C.R.N.A., MSN	Allied Health	Anesthesiology
Travis Henry Turner, Ph.D.	Allied Health	Psychiatry

Professional Staff Reappointment and Change in Privileges

Walter T. Krzyzaniak, C.R.N.A.	Allied Health	Anesthesiology	Switch to Refer & Follow
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Medical Executive Committee Presiding: Dr. Gillespie Date: March 20, 2013 Meeting Place: 628 CSB Recording: Angie Baldwin		Meeting Time: 7:30 Adjournment: 8:30 Members present: Dr. Gillespie; Dr. Habib; Dr. Clarke; Dr. Grey; Dr. Richardson; C Younker; S Scarbrough; C Rees; Dr. Hoffman; Dr. Elliott; Dr. Sachs; Dr. Boylan; H. Kokko; Dr. Basco; Dr. Jauch; D McLean; Dr. Feussner; Dr. Powers; D Neff; Dr. Crumbley; Dr. Cole Members excused: Dr. Reeves; Dr. Baliga; M. Schaffner; Dr. Rokey Guests: LFormby; M Sheakley; Dr. Adams; Dr. Payne; N Tassin; B Sloan; R. Flynn; R Majure	
Agenda/Topic	Debate & Discussion	Conclusions	Recommendations/ Follow-Up What/When/Who
Wins			
Executive Session	Two action plans were reviewed.		
Review of Minutes	MEC minutes were reviewed.	Minutes of the February 20, 2013 meeting of the MEC were approved with minor change.	
Credentials Committee	Dr. Gray reported on staff changes: Medical Staff Initial Appointment and Privileges: 4 Medical Staff Reappointment and Privileges: 38 Medical Staff Reappointment and Change in Privileges: 2 Medical Staff Change in Privileges: 1 Professional Staff Initial Appointment and Privileges: 5 Professional Staff Reappointment and Privileges: 13 Professional Staff Changes in Privileges: 1 Dr. Grey stated per bylaws the Credentials Committee cannot approve appointments or reappointments for board certification exceptions without MEC approval. There are currently 80 practitioners in grace period. Total of 14 are not certified and not in grace period: four are grandfathered in, five are foreign trained and not eligible, one is certified in specialty but not certified in subspecialty but is working on it, three are outside of grace period but are working on it, one physician has not passed and has stopped trying.	The Medical Executive Committee recommends the appointments, reappointments, and delineation of clinical privileges to the Board of Trustees for approval.	
Data reports	Reports reviewed: Bed Capacity Summary Admit Transfer Center Medical Records Physician Sign/Date/Time Discharge Summary Reports	Accepted as information.	
Subcommittee Minute Review	Subcommittee reports were reviewed: Bed Flow Team Clinical Lab Advisory Committee Graduate Medical Education Committee Infection Control Committee	Approved as reviewed.	

	<p>OR Executive Committee</p> <p>Pharmacy and Therapeutics Committee</p> <p>Critical Care Quality Committee</p> <p>Sedation Committee</p> <p>Peer Review Committee</p> <p>Health Information Management Committee</p> <p>Blood Usage and Tissue Review Committee</p> <p>Ethics Committee</p>		
Polices (Consent)	<p>NEW – Immunization Provided in MUHA Ambulatory Pharmacies</p> <p>C015 – Determination of Brain Death</p> <p>C087 – Blood Product Administration</p> <p>C103 – Electrolyte: Magnesium</p> <p>C133 – Adult Enteral Feeding Tubes</p> <p>C157 – Pressure Ulcer</p> <p>C134 – Medication Security in Non-Pharmacy</p>	Approved	
GME Report	Dr. Clarke provided a GME update on match day.	Accepted as information	
Hospital Update	<p>Chris Rees provided a mortality index update. Approximately 30% of quality goal is mortality. Mortality index for AAMC avg, MUSC and Top 25 for CY 2012 reviewed. Mortality index FYTD 2013 by UHC Service Line shows area for improvement. Individual ranked service lines data discussed.</p> <p>Quality Assurance/Process Improvement (QAPI) plans have been created for DDC (identified problem – during FY 2012 the UHC GI service line ranks 100 out of 125 hospitals for mortality index), Heart and Vascular (identified problem – during FY 2012 the UHC cardiology service line ranks 72 out of 125 hospitals for mortality index), MACC (identified problem – during 2012 CYTD MUSC ranks 97 out of 126 AAMC hospital within UHC) and SACC (identified problem – during FY2012 the UHC general surgery service line ranked 64 out of 125 hospitals for mortality index).</p>	Accepted as information	
Hand Hygiene	<p>Linda Formby presented hand hygiene compliance for February 2013 which is 87.3%. Service line compliance rates trend from 97.9% to 77.3%, and occupational compliance rates trend from 100% to 83%. Housewide hand hygiene compliance for Jan 12 – Feb 13 reviewed. Outpatient clinics hand hygiene compliance for February 2013 which is provided by patient feedback reviewed.</p> <p>Brian Sloan presented improvement action plan for DDC hand hygiene which includes direct observation, inter/resident orientation, infection control rounding, staff re-education and increased staff accountability.</p> <p>Nancy Tassin presented MSK hand hygiene improvement plans. Joint Replacement Unit's plan is all staff members are mandated to submit at least three audits per month; all new staff will be monitored and coached by their unit preceptor to "hardwire" hand hygiene into practice; all nurses will stock the medication cart prior to their shift to avoid multiple in and out of patient rooms and decrease likelihood of failure to comply with hand hygiene; and</p>	Accepted as information.	

	the unit will start using the code word "genie" to remind staff of hand hygiene. 10W's plan includes meeting with infection control to determine best strategy moving forward; all staff members are mandated to submit at least three audits per month; encourage staff to announce to the family and patient they are washing their hands; and elicit help from our interdisciplinary teams.		
Maintenance of Certification	Deferred		
eCareNet Update	Deferred		
Influenza Policy	Linda Formby presented C166 – Influenza Vaccine policy. Change is all personnel will be required to receive influenza vaccination before reporting to active duty or during a designated time frame annually. Personnel who do not receive the vaccination by the designated date or otherwise qualify for an authorized exemption because of medical contraindication or religious beliefs will be relieved of employment or volunteer duties, and may not continue academic pursuits. David McLean, senior healthcare counsel, stated this type of policy has been tested and has held up. Impact should be very minimal.	Approved.	
C061 – Medication & IV Infusion Administration	Mo Sheakley presented the changes to the Medication & IV Infusion Administration policy. The revisions expands the medication administration allowable task for CMAs (Certified Medical Assistants) and adds pancreatic enzymes to list of allowable bedside items on 8E and 8W only in conjunction with their self admin function.	Approved	
Outpatient Pharmacies	Heather Kokko encouraged everyone to let everyone know about MUSC outpatient pharmacies.	Accepted as information.	
Standards of Communication	Dr. Habib presented the standards of communication policy. Policy includes standards of outpatient visits; standards of invasive diagnostic and therapeutic services; standards for non-invasive diagnostic and therapeutic services; standards for inpatient care; and standards for emergency department care. Will take time and effort to get to this level.	2 nd review.	
Adjourned 8:30am	The next meeting of the Medical Executive Committee will be Wednesday, April 17, 2013 at 7:30am in 628CSB.		

David Habib, MD, Secretary of the Medical Staff

**AGREEMENTS ENTERED INTO BY THE MEDICAL UNIVERSITY HOSPITAL AUTHORITY
SINCE THE MARCH 2013 MEETING OF THE BOARD OF TRUSTEES**

Hospital Services - Any contract involving the exchange of Hospital services either for money or other services.

Managed Care - The Medical Center has entered a Managed Care Agreement with the following:

Blue Cross Blue Shield of South Carolina

Transplant Agreements - For the institution(s) listed below, the Medical Center Transplant Unit agrees to provide tissue typing and transplantation to those patients who are medically suitable and to follow those patients in the transplant clinic at MUSC.

Transfer Agreements - MUHA agrees to accept the admission of individuals requiring specialized care and meet certain criteria from the following facilities:

Affiliation Agreements –

Shared Services Agreements –

Medical University Hospital Authority
IDC Professional Services Contracts
For Reporting
May 17, 2013

McMillan Pazdan Smith \$ 69,887.00
UH Spec. CT 3rd Floor
Provide architectural and engineering services for design phases.

Compass 5 Partners \$224,318.00
CH Sterile Processing
Provide architectural and engineering services for planning and design
layout and equipment scheme.

MEDICAL UNIVERSITY OF SOUTH CAROLINA

REGULAR AGENDA

Board of Trustees Meeting
Thursday, May 16, 2013
101 Colcock Hall

Members of the Board of Trustees

Thomas L. Stephenson, Esquire, Chairman
Dr. James E. Wiseman, Jr., V-Chairman
Dr. Stanley C. Baker, Jr.
Mr. William H. Bingham, Sr.
Dr. Cotesworth P. Fishburne, Jr.
Mr. William B. Hewitt
Dr. Harold W. Jablon

Dr. Donald R. Johnson II
Dr. E. Conyers O'Bryan, Jr.
Dr. Thomas C. Rowland, Jr.
Mr. Charles W. Schulze
The Honorable Robin M. Tallon
Dr. Charles B. Thomas, Jr.

Trustees Emeriti

Mrs. Margaret M. Addison
The Honorable Robert C. Lake, Jr.
Mrs. Claudia W. Peeples
Mr. Allan E. Stalvey

Item 1. Call to Order-Roll Call.

Item 2. Secretary to Report Date of Next Meeting.

Regular Meeting: Friday, August 9, 2013

Item 3. Approval of the Minutes of the Regular Meeting of MUSC Board of Trustees of April 11, 2013.

Board Action:

RECOMMENDATIONS AND INFORMATIONAL REPORTS OF THE PRESIDENT

OLD BUSINESS:

NEW BUSINESS:

Item 4. General Informational Report of the President.

Statement: Dr. Greenberg will present a general report.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 5. Other Business.

RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE. CHAIRMAN: DR. COTESWORTH P. FISHBURNE, JR.

OLD BUSINESS:

NEW BUSINESS:

Item 6. General Report of the Associate Provost for Research.

Statement: Dr. Steve Lanier will report on research activities.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 7. General Report of the Vice President for Development.

Statement: Mr. Jim Fisher will give a general report on institutional advancement activities.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 8. Other Committee Business.

EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE. CHAIRMAN: DR. E. CONYERS O'BRYAN, JR.

OLD BUSINESS:

NEW BUSINESS:

Item 9. General Report of the Vice President for Academic Affairs and Provost.

Statement: A general report will be given by Dr. Mark Sothmann.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 10. Other Committee Business.

CONSENT AGENDA ITEMS FOR APPROVAL:

Item 11. Conferring of Degrees.

Item 12. Changes in Faculty Senate Bylaws.

Item 13. Faculty Appointments.

Item 14. Changes in Faculty Status.

Item 15. Endowed Chair Appointment.

Item 16. Master in Science in Oral Sciences Degree Program.

FINANCE AND ADMINISTRATION COMMITTEE. CHAIRMAN: MR. CHARLES W. SCHULZE

OLD BUSINESS:

NEW BUSINESS:

Item 17. Parking Rate Increase.

Statement: A parking rate increase will be presented for approval.

Recommendation of Administration: That the rate increase be approved.

Board Action:

Item 18. Financial Status Report of the Medical University of South Carolina.

Statement: Mr. Patrick Wamsley will report on the financial status of the Medical University of South Carolina.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 19. Financial Status Report of MUSC Physicians.

Statement: Ms. Gina Ramsey will report on the financial status of MUSC Physicians.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 20. Financial Status Report of MUSC Foundation for Research Development.

Statement: Ms. Deanne Lucas will report on the financial status of the MUSC Foundation for Research Development.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 21. Other Committee Business.

UNIVERSITY PHYSICAL FACILITIES COMMITTEE. CHAIRMAN: MR. WILLIAM H. BINGHAM, SR.

OLD BUSINESS:

NEW BUSINESS:

Item 22. Update on Projects.

Statement: Mr. Greg Weigle will present an update on Medical University of South Carolina facilities projects.

Recommendation of Administration: That this report be received as information.

Board Action:

Item 23. Other Committee Business.

CONSENT AGENDA ITEMS FOR INFORMATION:

Item 24. Facilities Contracts Awarded.

OTHER BUSINESS FOR THE BOARD OF TRUSTEES:

Item 25. Approval of Consent Agenda.

Statement: Approval of the Consent Agenda is requested.

Recommendation of Administration: That the consent agenda be approved.

Board Action:

Item 26. New Business for the Board of Trustees.

Item 27. Report from the Chairman.

**BOARD OF TRUSTEES
MEDICAL UNIVERSITY OF SOUTH CAROLINA
RESEARCH AND INSTITUTIONAL ADVANCEMENT COMMITTEE
MAY 16, 2013**

Through April 22, 2013, the Medical University of South Carolina has received over **\$55.2** million in new gifts and pledges.

Progress-to-date compares very favorably to our results for this same time period last year - \$42.1 million (**31%** ahead of last year's pace).

The following highlights reflect key accomplishments that have transpired since the April 2013 Board of Trustees meeting.

HOLLINGS CANCER CENTER

- Mr. and Mrs. Keith Wellin provided a \$1.5 million gift to establish the Wendy and Keith S. Wellin Head and Neck Cancer Clinic and the Dr. Betsy K. Davis Endowed Chair in Maxillofacial Dentistry.
- Hollings Cancer Center's signature fundraising event, Gourmet & Grapes, was held at The Sanctuary Hotel on Kiawah Island and raised over \$100,000 in support of the clinical trials program at the Hollings Cancer Center.
- Mr. and Mrs. Oliver R. Head made a \$10,000 gift to the Hollings Cancer Center Parker Patient Support Fund.

HEART AND VASCULAR

- Zeus Industrial Products contributed \$700,000 toward their pledge to support the Frank P. Tourville Cardiac Arrhythmia Center.
- The Center of Economic Excellence in Molecular Proteomics in Cardiovascular Disease received the final portion of the match from the State of South Carolina for \$221,500.

- Jill Chalsty was elected as the new chair of the Heart and Vascular Board of Directors. She has begun a reorganization of the board, establishing committees in both development and strategic planning. Jill and her husband, John (who sits on the Hollings Cancer Center Advisory Board), are major MUSC benefactors.

CHILDREN'S HOSPITAL

- In April, Nucor Steel held their 13th Annual Nucor Steel Golf Tournament. This year's tournament raised over \$300,000. Since its inception, this event has provided over \$3.3 million in philanthropy for the Department of Pediatrics.
- On March 20th, the Second Annual Circle of Champions luncheon raised \$121,000. This fashion show and luncheon is held during the Baker Motor Company Charleston Fashion Week.
- On April 21st, the Log-A-Load for Kids Program held their Clays for Kids Tournament generating over \$58,000.
- We received over \$54,000 from this year's Cooper River Bridge Run with the Bi-Lo Roundup Program generating \$30,000.

DEPARTMENT OF NEUROSCIENCES

- The Department of Neurosciences received \$250,000 from the Fullerton Foundation to support the creation of the Fullerton Foundation Stroke and Cerebrovascular Education and Training Center.
- Mr. and Mrs. J. Harper Beall made a \$50,000 gift to support the Alzheimer's work of Dr. David Bachman.
- The Department of Neurosciences also received \$30,000 from the Fullerton Foundation for the update and reprint of the Primer on Parkinson's disease.

COLLEGE OF HEALTH PROFESSIONS

- Dr. Lisa Saladin, Dean of the College, and her husband, Dr. Michael Saladin, a faculty member in the Department of Health Sciences and Research, made a deferred gift commitment of \$250,000 to the College of Health Professions.

DEPARTMENT OF MEDICINE

- The Department of Medicine has received \$242,366 in state matching funds for the Renal Disease of Economic Excellence and \$348,350 in state matching funds for the Inflammation and Fibrosis Research Center as a part of the South Carolina SmartState Program.

COLLEGE OF MEDICINE

- Rakesh and Brinda Chokshi contributed \$50,000 to establish the Rakesh and Brinda Chokshi Endowed Scholarship Fund within the College of Medicine.
- The College is in the silent phase of a \$10 million scholarship campaign. To date, approximately 40% of this goal has been raised. This campaign is expected to go public at the end of the year when 50-60% of the goal has been raised.

COLLEGE OF PHARMACY

- The Class of 2013 has raised \$27,570 toward the Building the Future of Pharmacy Campaign to name an area of the building for their class.
- The College will host a 50th reunion breakfast for the Class of 1963 on Thursday, May 16th, prior to the Golden Grad festivities.

ALUMNI AFFAIRS ACTIVITIES

- Golden Grads
 - Golden Grads' classes are planning for their homecoming during the week of Commencement, May 16-17, 2013. In addition to events

planned with Golden Grads as a whole, including a luncheon, dinner and commencement activities, representatives from the Office of Planned Giving have been invited to participate in Golden Grads events as well as development officers and deans from respective colleges.

- College of Medicine Reunion
 - Recipients of the Distinguished Alumnus Awards were: Drs. John P. Sutton ('63) of Seabrook Island and Mark Braunstein ('74) of Atlanta, GA. Dr. Stephen Schabel, of Charleston, received the Honorary Alumnus Award.
- College of Medicine Newsletter
 - The College of Medicine Newsletter was emailed to alumni in April. The average open rate was **34.5%**, while the national average is 25%. The average click-through rate (number of people who actually clicked on the link that opened the news article) was **11.83%** compared to the industry standard of 1.7%.
- License Plates
 - We are pleased to announce the South Carolina Department of Motor Vehicles and the South Carolina Highway Patrol have approved the MUSC license plate. The license plates were made possible through a generous gift from Dr. Mark Beard, '95 DMD. All future profits from the sale of the MUSC license plates will benefit students in the form of scholarships.

FEASIBILITY STUDY

- Our external consultants, Marts & Lundy, completed the capital campaign Feasibility Study for the proposed new Children & Women's Hospital. The study consisted of 30 face-to-face interviews, an online survey of over 1,100 donors and prospects, and an electronic wealth screening of more than 2,000 potential supporters. A summary of their findings follows:
 1. While the Children's Hospital Fund Board is extraordinarily enthusiastic and energized, few members expressed an ability to

influence truly significant gifts – such as, \$35 - \$50 million naming opportunities. Through the interviews, while many indicated they would be willing to serve in the campaign effort, few indicated that they would make \$7-figure leadership gifts.

2. Immediate attention for the next 18 – 24 months must focus on the six prospects identified as having the potential for a naming gift in the \$35 - \$50 million range.
3. Individual major donor prospects will require additional cultivation. Additionally, other major gift prospects must be identified.
4. We will focus on the above three tasks in hopes of being in position to consider a campaign 24 – 30 months from now.

**THE MEDICAL UNIVERSITY OF SOUTH CAROLINA
FINANCIAL REPORTS**

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The Medical University of South Carolina and Affiliated Organizations
Statement of Net Position
As of March 31, 2013

	University	Area Health Education Consortium	Facilities Corporation	CHS Development Company
Assets & Deferred Outflows				
Cash and Cash Equivalents	\$ 144,066,615	\$ 3,521,646	\$ -	\$ -
Cash and Cash Equivalents - Restricted	25,888,254	-	655,530	145,602
State Appropriation Receivable	24,499,676	3,684,026	-	-
Student Tuition and Fees Receivable	232,934	-	-	-
Student Loan Receivable	13,591,944	-	-	-
Grants and Contracts Receivable	44,238,285	635,080	-	-
Capital Improvement Bond Proceeds Receivable	1,155,388	-	-	-
Capital Lease Receivable	-	-	3,775,171	17,420,941
Other Receivables	1,392,148	-	7,620	-
Investments	-	-	213,000	450,463
Prepaid Items	7,585,925	-	-	1,685,288
Capital Assets, net of Accumulated Depreciation	553,779,611	-	-	-
Due from Hospital Authority	21,271,274	-	-	-
Due from Other Funds	85,154,776	-	-	-
Bond Issue Costs	748,127	-	43,711	318,658
Derivative Instruments Fair Value / Deferred Outflows	-	-	-	-
Other Assets	-	-	-	-
Total Assets & Deferred Outflows	\$ 923,604,957	\$ 7,840,752	\$ 4,695,032	\$ 20,020,952
Liabilities & Deferred Inflows				
Accounts Payable	\$ 7,021,007	\$ -	\$ -	\$ -
Accrued Payroll and Other Payroll Liabilities	5,489,184	-	-	-
Accrued Compensated Absences	27,714,482	199,761	-	-
Deferred Revenue	45,409,636	2,298,048	-	-
Retainages Payable	-	-	-	-
Long-Term Debt	178,488,276	-	4,501,000	18,703,066
Interest Payable	1,772,921	-	167,704	152,713
Deposits Held for Others	4,061,703	174,590	-	-
Due to Hospital Authority	-	135	-	-
Due to Other Funds	7,814,821	-	-	-
Federal Loan Program Liability	14,150,982	-	-	-
Derivative Instruments Fair Value / Deferred Inflows	-	-	-	-
Other Liabilities	26,732,560	14,622	-	-
Total Liabilities & Deferred Inflows	\$ 318,655,572	\$ 2,687,156	\$ 4,668,704	\$ 18,855,779
Net Position	\$ 604,949,385	\$ 5,153,596	\$ 26,328	\$ 1,165,173
Total Liabilities & Deferred Inflows and Net Position	\$ 923,604,957	\$ 7,840,752	\$ 4,695,032	\$ 20,020,952

The Medical University of South Carolina and Affiliated Organizations
Statement of Revenues, Expenses and Changes in Net Position
For the Nine (9) Month Period Ending March 31, 2013

	University	Area Health Education Consortium	Facilities Corporation	CHS Development Company
Operating Revenues				
Student Tuition and Fees	\$ 67,519,056	\$ -	\$ -	\$ -
Federal Grants and Contracts	100,795,052	265,012	-	-
State Grants and Contracts	5,028,128	595,945	-	-
Local Government Grants and Contracts	12,075	-	-	-
Nongovernmental Grants and Contracts	19,213,994	601,812	-	-
Sales and Services to Hospital Authority	75,243,715	-	-	-
Sales and Services of Educational and Other Activities	43,683,975	6,105	-	-
Sales and Services of Auxiliary Enterprises	8,961,900	-	-	-
Interest Income	-	-	389,793	639,916
Other Operating Revenues	11,538,981	57,589	-	-
Total Operating Revenues	331,996,876	1,526,463	389,793	639,916
Operating Expenses				
Compensation and Employee Benefits	250,454,892	1,648,922	-	-
Services and Supplies	140,668,306	3,755,542	700	1,066
Utilities	9,228,415	-	-	-
Scholarships and Fellowships	11,726,938	-	-	-
Refunds to Grantors	93,693	-	-	-
Interest Expense	-	-	312,749	741,615
Depreciation and Amortization	30,539,412	-	47,927	154,395
Total Operating Expenses	442,711,657	5,404,464	361,376	897,076
Operating Income (Loss)	(110,714,781)	(3,878,001)	28,417	(257,160)
Nonoperating Revenues (Expenses)				
State Appropriations	44,923,135	6,894,145	-	-
State Appropriations - MUHA	14,140,280	-	-	-
Gifts and Grants Received	7,706,608	-	-	-
Investment Income	4,307,371	10	-	-
Interest Expense	(6,539,566)	-	-	-
Gain (Loss) on Disposal of Capital Assets	(990,321)	-	-	-
Transfers From (To) Other State Agencies	(103,069)	(8,481)	-	-
Other Nonoperating Revenues (Expenses), net	2,361,256	-	-	-
Net Nonoperating Revenues (Expenses)	65,805,694	6,885,674	-	-
Income (Loss) Before Other Revenues, Expenses, Gains, Losses and Transfers	(44,909,087)	3,007,673	28,417	(257,160)
Capital Appropriations	1,043,250	-	-	-
Capital Grants and Gifts	3,374,177	-	-	-
Additions to Permanent Endowments	2,549,513	-	-	-
Transfers From (To) MUSC Physicians (UMA)	44,947,495	-	-	-
Transfers From (To) AHEC	(2,846)	2,846	-	-
Transfers From (To) CHS Development	(430,907)	-	-	430,907
Transfers From (To) Facilities Corporation	1,369,917	-	(1,369,917)	-
Increase (Decrease) in Net Position	\$ 7,941,512	\$ 3,010,519	\$ (1,341,500)	\$ 173,747

The Medical University of South Carolina
 Budgeted Funds Comparison to Budget
 For the period ending March 31, 2013

	Budget	Prorated Budget (Note)	Actual	Variance	
REVENUES					
State					
State Appropriations	58,784,436	44,088,327	44,923,135	834,808	F
State Appropriations - MUHA	18,853,707	14,140,280	14,140,280	-	F
State Grants & Contracts	7,224,365	5,418,274	5,028,128	(390,146)	U
Total State	84,862,508	63,646,881	64,091,542	444,661	F
Federal					
Federal Grants & Contracts	119,815,635	89,861,726	76,976,706	(12,885,020)	U
Federal Grants Indirect Cost Recoveries	35,783,275	26,837,456	23,818,346	(3,019,110)	U
Total Federal	155,598,910	116,699,182	100,795,052	(15,904,130)	U
Other					
Private Grants & Contracts	21,599,738	16,199,804	16,479,278	279,474	F
Private Grants Indirect Cost Recoveries	2,859,407	2,144,555	2,746,791	602,236	F
MUSC Foundation Gifts and Grants	10,172,033	7,629,025	7,706,608	77,583	F
Tuition and Fees	81,829,072	63,778,242	67,519,056	3,740,814	F
Sales and Services of Educational Departments	58,152,988	43,614,741	43,683,975	69,234	F
Sales and Services of Auxiliary Enterprises	12,378,599	9,283,949	8,961,900	(322,049)	U
Interest and Investment Income	87,231	65,423	16,570	(48,853)	U
Endowment Income	1,034,916	776,187	465,561	(310,626)	U
Miscellaneous	11,516,268	8,637,201	10,350,741	1,713,540	F
Miscellaneous - Residents	4,743,637	3,557,728	3,334,716	(223,012)	U
Authority Revenue	71,977,254	53,982,941	50,718,736	(3,264,205)	U
Authority Revenue - Residents	39,872,745	29,904,559	30,491,432	586,873	F
Intra-Institutional Transfers	41,394,909	31,046,182	29,993,270	(1,052,912)	U
Total Other	357,618,797	270,620,537	272,468,634	1,848,097	F
Total Revenues	598,080,215	450,966,600	437,355,228	(13,611,372)	U
EXPENDITURES					
Instruction	126,094,772	94,571,079	87,174,953	7,396,126	F
Instruction - Residents	44,940,529	33,705,397	35,447,213	(1,741,816)	U
Instruction - MUHA	18,853,707	14,140,280	14,140,280	-	F
Research	185,510,324	139,132,743	134,798,302	4,334,441	F
Public Service	45,010,628	33,757,971	33,522,510	235,461	F
Academic Support	38,869,475	29,152,106	34,345,463	(5,193,357)	U
Student Services	9,076,193	6,807,145	6,336,381	470,764	F
Institutional Support	67,579,102	50,684,327	48,247,225	2,437,102	F
Operation & Maintenance of Plant	73,756,002	55,317,002	55,047,965	269,037	F
Scholarships & Fellowships	2,337,092	1,752,819	1,622,429	130,390	F
Auxiliary Enterprises	11,810,017	8,857,513	7,872,676	984,837	F
Indirect Cost Remitted to State	115,000	86,250	103,069	(16,819)	U
Debt Services	6,517,406	4,888,055	5,192,677	(304,622)	U
Total Expenditures	630,470,247	472,852,687	463,851,143	9,001,544	F
OTHER ADDITIONS (DEDUCTIONS)					
Transfers from (to) UMA	54,645,011	40,983,758	44,947,495	3,963,737	F
Transfers from (to) Facilities Corporation	1,350,000	1,012,500	1,369,917	357,417	F
Transfers from (to) AHEC	(3,300)	(2,475)	(2,846)	(371)	U
Transfers from (to) CHS Development	(330,000)	(247,500)	(218,081)	29,419	F
Transfers from (to) Loan funds	-	-	(15,000)	(15,000)	U
Transfers from (to) Plant Funds	(23,203,159)	(17,402,369)	(17,082,351)	320,018	F
Refunds to Grantors	(56,591)	(42,443)	(93,693)	(51,250)	U
Transfers to Endowment Fund	(11,929)	(8,947)	-	8,947	F
Total Other Additions (Deductions)	32,390,032	24,292,524	28,905,441	4,612,917	F
NET INCREASE (DECREASE) in Fund Balance	-	2,406,437	2,409,526	3,089	F

Note: Budgeted tuition is prorated based on semesters; Other budgeted items prorated based on calendar months.

The Medical University of South Carolina
Direct Expenditures on Federal Grants and Contracts
(By Responsibility Center)
For the 9 Month Period Ending March 31, 2013

Administration	442,770
Centers of Excellence	5,106,560
College of Dental Medicine	2,359,595
College of Graduate Studies	783,962
College of Health Professions	1,198,471
College of Medicine	63,550,045
College of Nursing	2,059,208
College of Pharmacy	646,609
Library	822,419
Office of Sponsored Programs	7,068
	<hr/>
	\$76,976,706
	<hr/>

NOTE: The federal direct expenditures shown above were incurred by the University. The federal grant and contract revenue earned to cover these direct expenditures is \$76,976,706 .

In addition to this federal grant and contract revenue, the University received \$23,818,346 in federal monies to reimburse it for Facilities and Administration (F+A) costs incurred to administer the above federal grants and contracts. \$23,715,277 of the F+A recoveries received is unrestricted which means the University can use it for any of its operating needs. The remaining \$103,069 represents the F+A recoveries on non-research federal grants and contracts. This amount is required to be remitted to the State.

University direct federal expenditures	\$76,976,706
Facilities and Administration costs	\$23,818,346
Federal operating grants and contracts	<hr/>
	\$100,795,052
	<hr/>

THE MEDICAL UNIVERSITY OF SOUTH CAROLINA
NOTES TO THE FINANCIAL STATEMENTS
March 31, 2013

Note 1. *Basis of Presentation*

This financial statement provides summarized information for The Medical University of South Carolina (MUSC) and its affiliated organizations in discrete columns on the same page. The purpose of this financial report is to provide information that will be helpful to those who must make decisions about MUSC.

Note 2. *State Appropriations*

State appropriations revenue is prorated evenly over the twelve month period for which the funds are to be spent.

Note 3. *Cash and Cash Equivalents - Restricted*

Cash and cash equivalents - restricted include bond proceeds, the debt service reserve accounts, and the debt service fund accounts.

Note 4. *Capital Assets, Net of Accumulated Depreciation*

The University's capital assets, net of accumulated depreciation consists of the following:

Construction in progress	\$ 32,510,087
Land/Bldgs/Equipment/Accumulated depreciation	521,269,524
Capital Assets, Net of Accumulated Depreciation	<u>\$ 553,779,611</u>

Note 5. *Construction in Progress*

Construction in progress consists of the following projects and expenditures to date and is included in Capital Assets, Net of Accumulated Depreciation on the Statement of Net Assets.

	Jun 30, 2012 Balance	Fiscal Year 2012 Additions	Mar 31, 2013 Balance
Greenville Research Education Innovation Institute	\$ 2,282,009	\$ 217,991	\$ 2,500,000
AHU-6 Replacement in CSB	969,892	35,668	1,005,560
Microbiology & Immunology Renovations in BSB	3,590,493	1,753,208	5,343,701
Dental Medicine Classroom Renovations in BSB	2,227,182	336,217	2,563,399
Neurosciences 3rd Floor Renovations in CSB	1,451,616	397,245	1,848,861
Psychiatric Institute Data Center System	908,798	850,672	1,759,470
Psychiatric Institute Data Center UPS	1,134,911	(4,866)	1,130,045
Exhaust & Emergency Power Impr in BSB	329,770	1,132,347	1,462,117
Air Handler Replacement in BSB	684,799	2,617,692	3,302,491
Others less than \$1,000,000 (ending balance)	6,192,768	5,401,675	11,594,442
Total construction in progress	<u>\$ 19,772,238</u>	<u>\$ 12,737,849</u>	<u>\$ 32,510,087</u>

Note 6. *Deferred Revenue*

The University's deferred revenue consists of the following:

State appropriations	\$ 14,974,378
Grants and contracts	19,458,847
Student tuition and fees	10,947,816
Other	28,595
Total Deferred Revenue	<u>\$ 45,409,636</u>

THE MEDICAL UNIVERSITY OF SOUTH CAROLINA
NOTES TO THE FINANCIAL STATEMENTS
March 31, 2013

Note 7. *Long Term Liabilities*

The University's long term liabilities consist of the following:

Obligations under capital leases	\$ 67,098,762
Higher Education Revenue bond payable	33,625,000
State Institution bonds payable	72,025,000
Premium on State Institution bonds payable	1,658,112
Energy performance note payable	5,150,157
Deferred loss on early retirement of bonds	(1,068,755)
Total Long Term Liabilities	<u>\$ 178,488,276</u>

Note 8. *Comparison to Budget*

The Comparison to Budget statement (page 3) includes only activity in the current funds.
The Statement of Revenues, Expenses, and Changes in Net Assets (page 2)
includes current funds, loan funds, endowment and similar funds, and plant funds.

Net increase (decrease) in fund balance per		
Comparison to Budget statement	\$	2,409,526
Plant funds:		
Capital grants and gifts - Federal	3,259,595	
Capital grants and gifts - State	-	
Capital grants and gifts - private	-	
Capital appropriations	1,043,250	
Donated property & other in-kind donations	114,582	
Interest and investment income	561,800	
Other operating revenue	-	
Other nonoperating revenue	-	
Expended in current fund-lease principal	5,422,323	
Expended in current fund-capital costs	2,809,286	
Transfers	22,231,595	
Expensed in plant fund-depreciation	(30,539,412)	
Expensed in plant fund-interest expense	(2,807,898)	
Expensed in plant fund-other	(1,479,068)	
Gain (loss) on disposition of property	(990,321)	(374,268)
Loan funds:		
Other income		
Interest and investment income	292,550	
Expenses	(185,141)	
Transfers	15,000	122,409
Endowment funds:		
New endowments	2,549,513	
Income draws to operating units	(430,690)	
Endowment income (Loss)	3,665,022	
Transfers	-	5,783,845
Other		-
Net increase (decrease) in Net Assets per Statement of Revenues, Expenses, and Changes in Net Assets	\$	<u>7,941,512</u>

Medical University of South Carolina
Summary of Current Debt Obligations and
Analysis of Available Bonded Debt Capacity

(\$\$ in thousands)

	Original Issue	Authorized Not Issued	Purpose	Outstanding & Authorized as of 31-Mar-2013
State Institution Bonds (SIB)				
SIB 2003D	\$ 8,000	\$ -	- Renovations of Thurmond/Gazes bldg.	\$ -
SIB 2003J	12,000	-	- Renovations of Thurmond/Gazes bldg. and subpower plant	565
2005 Refunding	19,045	-	- Advance refunding on SIB2000A	13,325
SI BAN 2011	30,000	-	- College of Dental Medicine Building	28,000
SIB 2011D	18,950	-	- Deferred maintenance projects	17,490
SIB 2012B refunding	12,645	-	- Refunding SIB 2001A, 2003D, & 2003J	12,645
	<u>\$ 100,640</u>	<u>\$ -</u>		
Current Bonded Debt Authorized and Issued				<u>\$ 72,025</u>
Notes Payable - JEDA				
	<u>\$ 13,500</u>	<u>\$ -</u>	- Refund Harborview Certificates of Participation	<u>\$ -</u>
	<u>\$ 32,985</u>	<u>\$ -</u>	- Construction of College Health Health Profession facilities	<u>\$ 19,290</u>
Lease Revenue Bonds				
LRB 1995 A & B	<u>\$ 13,201</u>	<u>\$ -</u>	- Thurmond Biomedical Center	<u>\$ 4,501</u>
Higher Education Revenue Bonds				
2006	<u>\$ 38,000</u>	<u>\$ -</u>	- Construction of Parking Garage	<u>\$ 33,625</u>
Energy Performance Note Payable				
EPNP 11-26-08	<u>\$ 15,387</u>	<u>\$ -</u>	- Energy Savings	<u>\$ 5,150</u>

**MUSC Physicians and MUSC Physicians Primary Care
(A Component Unit of the Medical University of South Carolina)**

Statement of Revenues, Expenses and Changes in Net Position

	For the Nine Months Ending 3/31/12	For the Nine Months Ending 3/31/13
Operating Revenues		
Net clinical service revenue	200,441,411	203,084,888
Other operating revenue	6,582,997	1,306,234
Ambulatory care and MUHA revenue cycle support	3,754,014	4,808,292
Total operating revenues	213,178,422	211,606,907
Operating Expenses		
Departmental expenses	146,438,629	152,718,761
Corporate operating expenses	22,045,099	24,141,341
Ambulatory care and MUHA revenue cycle expenses	2,807,846	3,622,057
New Initiative expenses	3,955,867	6,711,168
Total expenses	175,247,441	187,193,327
Operating Income (Loss)	37,930,981	24,413,580
Nonoperating Revenues (Expenses)	447,811	5,410,996
Transfers from (to) Related Entities		
Nonmandatory contributions to the MUSC Foundation	(5,661,193)	(2,367,413)
Nonmandatory transfers to the MUSC	(39,180,776)	(44,957,495)
Change in Net Position Before Extraordinary Items	(6,463,177)	(17,500,331)
Extraordinary/Special Items	-	-
Transfers to Debt Service and Equity Deficits	13,479,354	10,707,795
Change in Net Position Before Expenses Related to the DHHS Supplemental Revenue	7,016,177	(6,792,536)
Expenses Related to the DHHS Supplemental Revenue	(7,413,645)	(5,889,287)
Change in Net Position	(397,468)	(12,681,823)

MUSC Foundation for Research Development

Statements of Financial Position

	<u>3/31/2013</u>	<u>3/31/2012</u>
Assets		
Cash and cash equivalents	\$1,063,057	\$1,397,973
Interest receivable	\$2,280	\$2,185
Accounts receivable, net	\$437,622	\$435,738
Prepaid expenses	\$48,015	\$39,697
Investments	\$324,826	\$292,652
Property and equipment, net	\$632	\$2,937
Total Assets	<u>\$1,876,431</u>	<u>\$2,171,182</u>
Liabilities and Net Assets		
Liabilities		
Accounts payable	\$128,922	\$135,038
Accounts payable - MUSC	\$363,870	\$842,175
Due to UMA - accrued vacation	\$19,618	\$57,048
Unearned revenue and deposits	\$131,872	\$130,670
Total Liabilities	<u>\$644,282</u>	<u>\$1,164,930</u>
Net Assets		
Total Net Assets	<u>\$1,232,149</u>	<u>\$1,006,252</u>
Total Liabilities and Net Assets	<u>\$1,876,431</u>	<u>\$2,171,182</u>

MUSC Foundation for Research Development

Income Statement

For the nine months ended March 31, 2013

	<u>Actual</u>	<u>Budget</u>
Revenues		
Contracts, grants and awards	\$787,557	\$787,500
License fees and royalties, net	\$166,400	\$33,900
Investment income	\$20,617	\$7,500
Other revenues - program services	\$108,986	\$0
Total Revenues	<u>\$1,083,561</u>	<u>\$828,900</u>
Expenses		
Personnel	\$391,422	\$456,637
Patent prosecution costs	\$211,354	\$296,550
Professional fees	\$39,050	\$37,500
Other administrative expenses	\$118,317	\$113,213
Other expenses - program services	\$81,441	\$0
Total Expenses	<u>\$841,584</u>	<u>\$903,900</u>
NET SURPLUS/(DEFICIT)	<u>\$241,977</u>	<u>(\$75,000)</u>

MEDICAL UNIVERSITY OF SOUTH CAROLINA

CONSENT AGENDA

Board of Trustees Meeting
Thursday, May 16, 2013
101 Colcock Hall

Members of the Board of Trustees

Thomas L. Stephenson, Esquire, Chairman
Dr. James E. Wiseman, Jr., V-Chairman
Dr. Stanley C. Baker, Jr.
Mr. William H. Bingham, Sr.
Dr. Cotesworth P. Fishburne, Jr.
Mr. William B. Hewitt
Dr. Harold W. Jablon

Dr. Donald R. Johnson II
Dr. E. Conyers O'Bryan, Jr.
Dr. Thomas C. Rowland, Jr.
Mr. Charles W. Schulze
The Honorable Robin M. Tallon
Dr. Charles B. Thomas, Jr.

Trustees Emeriti

Mrs. Margaret M. Addison
The Honorable Robert C. Lake, Jr.
Mrs. Claudia W. Peeples
Mr. Allan E. Stalvey

**EDUCATION, FACULTY AND STUDENT AFFAIRS COMMITTEE
CHAIRMAN: DR. E. CONYERS O'BRYAN, JR.**

(APPROVAL ITEMS)

Item 11. Conferring of Degrees.

Statement: Approval is requested to confer degrees upon those candidates who, pending successful completion of all requirements for their degrees by the conclusion of the spring semester, have the recommendation of their college dean and faculty.

Recommendation of Administration: That the conferring of degrees be approved.

Board Action:

Item 12. Proposed Changes to the Faculty Senate Constitution and Bylaws.

Statement: Administration presents for approval modifications to the Faculty Senate bylaws regarding Senate election dates, to be effective May 16, 2013.

Recommendation of Administration: That the changes to the Faculty Senate Bylaws be approved.

Board Action:

Item 13. Faculty Appointments.

Statement: At the request of the Dean of the College of Medicine, administration presents the following faculty appointments:

College of Health Professions

Craig A. Veloza, Ph.D., as Professor in the Department of Health Professions, Division of Occupational Therapy, effective July 1, 2013

College of Medicine

Lucian V. Del Priore, M.D., (dual appointment) as Professor in the Department of Regenerative Medicine and Cell Biology, effective May 1, 2013

Dr. Del Priore's primary appointment rests in the Department of Ophthalmology.

Edward W. Trudo, Jr., M.D., as Clinical Associate Professor, in the Department of Ophthalmology, effective July 1, 2013

Recommendation of Administration: That these faculty appointments be approved.

Board Action:

Item 14. Changes in Faculty Status.

Statement: At the request of the Dean of the College of Medicine, administration presents for approval, the following changes in faculty status:

Eleanor K. Spicer, Ph.D., from Professor to Professor Emerita, in the Department of Biochemistry and Molecular Biology, effective July 1, 2013.

Recommendation of Administration: That this change in faculty status be approved.

Board Action:

Item 15. Endowed Chair Appointment.

Statement: At the request of the Dean of the College of Medicine, administration presents for approval the following endowed chair appointment effective May 16, 2013:

Patrick A. Flume, M.D., as the Powers-Huggins Endowed Chair for Cystic Fibrosis

Recommendation of Administration: That the Endowed Chair appointment be approved.

Board Action:

Item 16. Master of Science in Oral Sciences Degree Program.

Statement: At the request of the Dean of the James B. Edwards College of Dental Medicine administration presents for approval the proposed Master of Science in Oral Sciences, effective May 16, 2013.

Recommendation of Administration: That the Master of Science in Oral Sciences Degree Program be approved.

Board Action:

**PHYSICAL FACILITIES COMMITTEE
CHAIRMAN: MR. WILLIAM H. BINGHAM, SR.**

(INFORMATIONAL ITEMS)

Item 24. Facilities Contracts Awarded.

Statement: Facilities Contracts awarded will be presented to the Board of Trustees.

Recommendation of Administration: That this be received as information.

Board Action:

**Medical University of South Carolina
May 2013 Graduates**

Bachelor of Science in Cardiovascular Perfusion

William John Anderson
Ruth Anne Burnette
Dale Thomas Feldman
Mark Thomas Fenker
Dannerly Harvin Hall Jr.
Todd Ephraim Hixson
Jennifer Michele Hutchinson
Adam Alexander Mattison

Robert Clayton Murrell Jr.
Phuong Ziem Nguyen
Stephen Thomas Price
Margaret Anderson Relle
Sally Kirsten Stoner
Jason Matthew Tatum
Catherine J. Yeager

Bachelor of Science in Nursing

Osman Awil Abdi
Juanetta Jeanette Acevedo
Allison Suber Adrian
Taylor King Alexander
Laurie Blythe Benedict
Christine Maria Bickford
Megan Elise Blackburn
Britany Nicole Brown
Lauren Simone Carroll
Ellen Burnett Cary
Hayne Mackenzie Clifton
Matthew Anthony Couture
Kaylin Michele Currie
Corie Olivia Dillon
April Paris Dove
Dawn-jana Elizabeth Dressman
Andre Charles Alagon Estrada
Nadia Hall
Brian Thomas Harley
Erica Shaquan Haynes
Alexander Cochran Herlocker
Amanda Leigh Hogan
Emory Elizabeth Howle
Roxanne Johnson
Zora Kinshasa Johnson
Kristin Gardner Kastendike
Jamie Kirby Keigens
Meagan Denise Kirkley
Elizabeth Jane Kreuze
Christy Jean Kyle
Joshua Alan Larsen

Jennifer Annette Lowe
Ashley R. Martin
Michelle Alina Mejia
Natalie Forester Murphy
Ashleigh Nagel
Chloe Caroline Oaks
Martha Anne Peake
Holly Elizabeth Ralston
Carolyn Raquel Ramos
Courtney Jones Renault
Amancio Romeo Roca
Jamie L. Russo
Jacob Bishop Schubert
Amanda Joy Singleton
Anna Heyward Smith
Jacquelyn Lee Smith
Kylie Laurin Smith
Whitney Lorene Smoak
Autumn Lewis Staley
Michael P. Stephens
Shechianh Stewart
Mary Josephine Stone
Christina R. Sweatman
Marie Craig Thomas
Jennifer Marie Undari
Tara Jean Watkins
Ellen Paige Way
Amy Beth Wilkerson
Shaquinta Denise Wright
Margaret Elizabeth Yu

Master in Health Administration

Ebony Jade Adams
Kelly Dahlstrand Ameduri
Laura Lyall Ballerstedt
Clayton Ferguson Bazzle
Cacey James Black
Daniel Lee Brinton
Sheena Kennon Calliham
Andrew William Campbell
Catherine O'Shields Carmichael
Erin Frances Comar
Joanna Cameron Cone
Matthew Peter Conrad
Samuel Davis Jr.
Elizabeth Ann Elmore
Margaret Firebaugh
William Sloan Garrett
Alexandra Hope Hails
Chayla Michelle Handley
Brian Bill Hayes
Andrew Eric Holsinger
Elizabeth Jean Jones
William Legare Jones Jr.
Andrew Jonathan Kraemer
Harry Han Kuo

Katelyn Mary Murphy Lawrence
Kelly Michelle Little
Todd Garrett Loeb
David Lawrence Manco
Nicole Shannon Martin
Abby Caroline McDougall
Andrew Ryan Morgan
Travis Ian Poole
Jason Glen Redd
Robert Whitfield Rhame III
Cory O'Neal Burnside Robinson
Nicole Evans Roskill
Leah Susan Schattenfield
Cory Smith
Cameron Holt Steadman
Philip Thomas Talcott
Bao Ngoc Chau To
Ryan Jeffery Tober
Lin Lin Annie Tsui
Ryan Paul Waga
Bolden Lee Walters
Samuel Connor West
Ulrika Renee White

Master of Science in Occupational Therapy

Tara Lynne Scott

Master of Science in Nursing

Jessica Suber Hall
Elizabeth McGee Klixbull
Lauren Lynch

Anna Davis Newell
Mary Reames Rinehart
Veronica Kem Smalheiser

Master of Science in Biomedical Sciences

Adam William Akerman
Emily Margaret Allen
Danielle Eulata Brandon

Eva Karam
Nicole Sztokman

Master of Science in Clinical Research

Marques Levar Bradshaw
Andrew J. Goodwin
Angela F. Hawk
Kimberly Elaine McHugh
Roberto Pisoni

Hussein Abdullah Rajab
Nichole Tripician Tanner
Daniel Clay Williams
Chang Long Wu

Master of Science in Dentistry

Angela Halverson Canales
Dustin Craig Hedgpeth
Patrick B. Holmes

Trent Cooke Pierce
Justin D. Ward

Doctor of Health Administration

David L. Church
Amy Wilkerson Clary
Gwyndolan LaVergne Swain

Sabrina Suber Vereen
Mary Robbins Wylie

Doctor of Physical Therapy

Jonathan McKeown Ahearn
Emily Virginia Albright
Kelsey Marie Allen
Amanda Delaine Argoe
Thomas Adam Auten
Margaret Smart Balleh
Rachel Sonya Binder
Kayla Elizabeth Bishop
Jacqueline Danielle Boyter
Davis Burr Bradley
Alison Michele Bunchman
Jordan Alexander Bunn
Brittany Kay Cannon
Heidi Joy Christensen
Bethany Dianne Clark
Sarah Kathryn Cline
Patrick William Colpitt
Nathan Harrison Cripps
Haley Melinda Culbertson
Jody Richard Davis
Thomas Allen Edwards
Adeela Lorraine Farisi
Laura Elizabeth Fitzgerald
Lisa Michele Floyd

Jillian Lorene Galan
Sara Therese Geisman
Kristen Geneva Greene
Rachel Arnette Hardy
Susanna Parker Hearn
Kelly Elizabeth Hersh
Shauna Erin Holland
Taylor Caroline Holmes
Jessica Erin House
Caitlin Anne Judd
Megan Alexandra Kochman
Ashlynn Asnip Koon
Natasha La'sha Lecque
Samantha Jo Linder
Jane Alexander Holmes Lucas
Katherine M. Maher
Ashley Megan Mainones
Shannon Marie McGahan
Ariel McNeil
Rebecca Wallis Moore
Sarah Elizabeth Nameth
Aunya Frankiesha Nance
Mark Stevens Noble
Jeffrey Thomas Noelcke

Rachel Whitney Paull
Liana Marie Plexico
Anna Lockamy Randall
Kaitlyn Rae Rickher
Alexandra K. Rohrback
Laura Brookshire Romeo
Corey Lyn Savas
Kathleen Elise Scheele

Amie Jeanne Sheppard
Katherine Ray Steifle
Cooper Theodore Strong
Whitney Jo Tabbert
Robin Rachel Verjans
Molly Ann Wellinghoff
Jeffrey S. Williams Jr.

Doctor of Nursing Practice

Frank Uche Akpati
Ashleigh Marie Benda
Amanda Quinn Boniface
Kathleen Laird Brown
Donna G. Buist
Sonia Marie Campbell
Diana Cizmadija
Elizabeth Ann Devereaux
Annamarie Sipkes Donato
Gaye Moore Douglas
Tiffany K. Garriss
Elizabeth Deenihan Harmon
J'Vonne Deniece Hunter
Courtney Virginia Jordan
Susan Nicole Kennemur
Edward John Knuth Sr.

Sara Kramer-Wallace
Rachel Nicole Ness
Evelyn Dannette Porter
Kristen McDaniel Poston
Sarah Ramberan
Jessica G. Rivera
Misty Leigh Seawright
Anna Derrick Smith
Lya Michele Stroupe
Danielle Tardiff
Amanda Grace Oswald Taylor
Bonnie Glymph Treado
Suzanne Catherine Trinkl
Amber Lee Walston
Kate Imperial White
Heather Kristina Williams

Doctor of Pharmacy

Carrie Jaye Alderman
Erica Rene Anderson
Mia Brittanie Asmer
Laurin Frances Ballowe
Andrew Boyd Bodiford
Alissa Jean Bradley
Mary Adelaide Brown
Jenna Gabrielle Byrd
Grace Kathleen Byrnes
Casey Lee Clark
Jacqueline Nicole Clinger
Lesli Hunnicutt Clyborne
Megan Renee Creech
Jerome Paul Ramos Curameng
Andrew Harrison Curtis
Renee Jane D'Antonio

Justin Howard Davis
Thomas Victor DiPiro
Anyanime Asuquo Edem
Andrew David Finley
Anastasia Elise Finn
Lacy Ann Gallagher
Jeff Garriss
Mina George Georgy
Jacob Lee Gibbs
Samantha Denise Giles
Sarah L. Glaholt
Caroline Elizabeth Griggs
Willie Marvin Grooms III
Martha Ledbetter Haines
Virginia Elizabeth Holley
Anna Caroline Hoover

Kathleen Jean Hunter
Molly S. Hurst
Bethann Fleenor Johnson
Fred Otto Kessler IV
Bradley Paul Knight
Brittany Marian Lanford
Rachel Keels Lanier
Molly Corley Leach
Katsiaryna Maroz
Alison Whitehurst Martin
Daniel James McGraw
Michael A. Nanni
Christina Marie Nelson
Shiva Nikravesh-Green
John Edward Oatis III
Daniel Miguya Odongo
Diane Nneka Okpala
Bhoomi M. Patel
Sneha Patel
Carolyn Jean Pfeifer
Nicholas Willard Rainey

Michael Grant Robinson
Britney Michelle Runyon
Thomas Jordan Sadowski
Sara Katherine Shugart
Ashley Carr Sims
Tran Nguyen Singh
Bridgit Lee Skipper
Leslie Ann Sparovic
Syldra Stephanie Stephens
Leslie Phillips Strickland
Brandee Cupp Stukes
Honor Kristen Taylor
Joseph Simon Taylor, Sr.
Joseph C. Vallone
Allison Paige Weaver
Abbie Sandel Williams
Jennifer Marie Wingfield
Ashley Tiera Wright
James Burton Wright Jr.
Christian Elizabeth Younts
Elisabeth Emilia Zummo

Doctor of Dental Medicine

Derrick Dean Bell
Scott Timothy Brown
Douglas Collin Bryant
Elizabeth Saunders Burgess
Jillian Leigh Byrd
Allison Poole Caldwell
Margaret Maclin Cannon
Andrea Carrieri
Lindsay Elizabeth Cash
Shelly Morgan Catlett
Jami Davina Cokley
Amber Houston Connor
Marie Elizabeth Cross
Christopher Blane Daniel
John Breeden Early Jr.
Jennifer Kristen Fiorica
William Michael Forrester
Travis Maxwell Frawley
Brandon J. Hagan
Sarah Anne Harmon Knowlton
Kathryn Lynn Harrison
Golden Rose Hartley

Daniel Sullivan Henderson
Cason Thomas Hund
Brian Lewis Jaques
Paul Ray Lambert III
Daniel Graham Lee
Hayan Lee
Alison Anne Llewelyn
Trevy Kyle Martin
Mark Jackson Mizzell Jr.
Matthew Allen Nettles
Matthew Charles Nimmich
Casi Lyn Noel
Jennie Whilden Odom
Samir Dilip Patel
Jonathan Michael Brown Petersen
Ryan Richard Phillips
Katherine Dean Plunkett
Jonathan Joseph Puza
Kristin Marie Reilly
Steven Andrew Richards
Rachel Barbara Rittenberg
Anna Elise Roberts

Ryan Scott Robinson
Sarah Rush
Brett Michael Shigley
Brockman Davis Smith
Ashley Cannon Tankersley
Sarah Johnson Taylor

Stephen Craig Thomas
Laura Marie Tulga
Benjamin Thomas Wietecha
Jeanette Savant Wingate
Kenneth Bryan Wingate Jr.
Aleksy Zelenko

Doctor of Medicine

Timothy Mark Adams
Neena Stephanie Agrawal
Krystal Danielle Airola
Louise Anne Alexander
Melissa Mundy Allen
Lauren Elyse Baccari
Christina Sepedah Baraty
MacKenzie Johanna Bartz
Duncan Eaves Berry
Bassim Samadani Birkland
Matthew L. Blackburn
Sarah Wade Boatwright
Leah Ashley Bonaparte
Patricia Mae Bosnic
Brent Adrew Boyer
David Matthew Braddy
Matthew Haynie Bradshaw
Aly D. Branstiter
Bonnie Akao Brooks
Amy Elizabeth Brown
Jessica Brittany Bush
Austen Lane Carter
Katherine Therese Charles
Humera Chaudhary
Zachary Joseph Coffman
Jack Messenger Condrey III
Jessica Scheel Connett
Patrick Alan Courtney
David H. Craig III
Thomas Adam Criswell
Jason Jonathan Crumpler
Thomas Christopher Cunningham
Mark Benjamin Currin
Charles Thomas Darragh
Sarah Joy Dean
Krupa Dilip Desai
Carl David DuBose

Bobbi Jean Dulcie
Forrest Campbell Duncan
Andre St. Christopher Dyer
Yekaterina Eichel
Brandon Maxwell Firestone
Chelsea Webb Fox
Hussein Christopher Gaafary
William Foster Gaillard Jr.
Fernando Nicolas Galan
Nicholas Young Gallagher
William Bryan Gamble II
Andrea Shipp Garrick
Benjamin Graham Garrick
Melanie Blaschke Gates
Grace Lucta Gerald
Alex DeForest Gleason
Sarah Jane Grayce
Candice Whitaker Greenan
Calvin Grubbs III
S. Chad Hayes
Katherine Elizabeth Hicks
Alexander David Hill
Michael Jermaine Hinton
Brett Michael Hofferker
Amanda Lynn Jainchill
Theodore William James
Elizabeth Renee Johnson
Renee Darlene Joseph
Evan Daniel Kane
Elaine Kristen Kao
Joseph John Kavolus II
Jocelyn H. Kerpelman
Garrick Leonard Klaybor
Ryan Keith Furman Kohout
Ryan Mark Kroll
Adam Edward Larkins
Alicia Jill Latham Schwark

Brett Greenwood Lewis
Amanda Lee Limbaugh
Scott Steven Lloyd
Spencer Charles Lovelace
Forrest Justin Lowe
Paul Timothy Maddux
Jordan Asher Magarik
Rachel Dianna Maree
Poppy Markwell
Christina Mae McConnell
Thomas Christopher McCurry
Misty Lee McDowell
Kevin Michael McElligott
Conor William McLaughlin
Travis Vincent Meadows
Anthony Meelan
Ravi Prashant Mishra
Haley E. Moore
Neil Dolatrai Naik
Archana Durga Narla
Felix Joseph Nepveux V
Thomas Elliot Niemeier
Ashley Noisette
Amanda Faye Northup
Luke Hollis O'Steen
Shane Jit Singh Oberoi
Lewis Joseph Overton
Matthew David Parks
Ankur Nalin Patel
Bimal A. Patel
Mohammad Faizan Pathan
Travis Michael Patterson
Quyen H. Pham
Richard Andrew Philipp II
Ashekia Ronique Pinckney
Stephen Myles Potter
Roxana Pourdeyhimi
Kyle Phillip Radack
Stephen James Ramey

Adriana Gabriela Ramirez
Daniel Hampton Reed
Julie Caroline Rembold
Irfan Ali Rhemtulla
Phillip Patrick Rideout
Guillermo Louis Rivell
Elizabeth Ashley Robinson
Stefanie Mitchell Robinson
Phillip Andres Rodriguez
Kendra Mollette Scott
Richard Andrew Sedlak
Maria Evelyn Shtessel
Suzanne Marie Simkovich
Charles Colston Sims
Ryan Stewart Slife
Mary Darcy Herlong Slizewski
Christine Joan Tennant
John Graham Theisen
Leslie Jessica Burke Thomas
W. Walsh Thomas III
Reggie Rashad Thomasson
Jessica Carol Tolley
Amy Michelle Turner
Jeffrey John Tutman
Thomas McLean Tyner
Saujanya Vadoothker
Elizabeth Milne Van Cott
Seth Patrick Vining
James Rex Walker
Kelsey Angeline Walsh
Nichole McCullough Watson
Kristin Assey West
Emily Nicole Williams
Matthew William Wilson
Rahim Hassan Wooley
Hugh Emmett Wright III
William Carl Wyatt
Jennifer Lee Yehl

Doctor of Medicine & Master in Health Administration

Shakaria Deanna Johnson

Craig Alton Thomas

Doctor of Philosophy in Health Rehabilitation Science

Nicole Marguerite Marlow

Doctor of Philosophy

Kevin James Bigham
Andrew Franklin Elvington
Carmine Gentile
Shannon Marie Hudson
Christopher William Marshall

Vondina Renee/ Moseley
Janet Elizabeth Saunders
Justin Schwartz
Yanqiu Weng

Doctor of Medicine & Doctor of Philosophy

Andre Chioke Eaddy
Joseph Alexander Palatinus
Amena Weston Smith

Kyle Craig Strickland
Peter Hao Tang
Parker Callaway Wilson

PROPOSED

Faculty Senate Bylaws

Article IV

A. Election of Officers

Election of the Officers for the upcoming year (October – September) will be held at the July meeting. In May the Governance Committee shall call for nomination of Officers from the members of the Faculty Senate (Senators and Alternate Senators). Any member of the Faculty Senate may nominate either another member of the Faculty Senate or himself or herself. All Senators are eligible to be slated regardless of time remaining on their current term unless a maximum of three terms has been reached. The Governance Committee will then draw up a slate of qualified individuals who agree to serve as President, Vice President, and Secretary. The Governance Committee shall oversee the voting process and report the results to the full Faculty Senate.

Faculty Senate Constitution

Article IV

Officers of the Faculty Senate: Election and Duties

The Officers of the Faculty Senate shall be the President, Vice President, and Secretary. Officers of the Senate are considered to be at-large Senators and do not stand for re-election to the Senate from their Electoral Unit in October even if their Senate term is scheduled to expire. If an Officer-Elect's term is not scheduled to expire when they become Officers at the October meeting, their Electoral Unit seat shall become vacant, and an Alternate Senator shall take over that representative role. The alternate position shall then be replaced according to standard procedures.

Article VII

Committees

A. Executive Committee

The Executive Committee shall be composed of one Senator from each of the seven Electoral Units, the Officers of the Faculty Senate, and the immediate Past President of the Faculty Senate who shall serve as a non-voting, consultative member. The Executive Committee member from the respective Electoral Unit shall be elected by the Senators of that unit as stipulated in the Bylaws. The Officers-Elect (President-Elect, Vice President-Elect and Secretary-Elect) of the Faculty Senate shall be non-voting members of the Executive Committee from July through September. The Executive Committee may go into executive session when discussing sensitive issues as permitted by state law.

Current:

Article IV

A. Election of Officers

Election of Officers for the upcoming year (October – September) will be held at the October meeting. The Governance Committee shall call for nomination of Officers from the members of the Faculty Senate (Senators and Alternate Senators) after the election results become available. Any member of the Faculty Senate may nominate either another member of the Faculty Senate or himself or herself. The Governance Committee will then draw up a slate of individuals who agree to serve as President, Vice President, and Secretary. The Governance Committee shall oversee the voting process and report the results to the full Faculty Senate

Article IV

Officers of the Faculty Senate: Election and Duties

The Officers of the Faculty Senate shall be the President, Vice President, and Secretary.

Article VII

Committees

A. Executive Committee

The Executive Committee shall be composed of one Senator from each of the seven Electoral Units, the Officers of the Faculty Senate, and the immediate Past President of the Faculty Senate who shall serve as a non-voting, consultative member. The Executive Committee member from the respective Electoral Unit shall be elected by the Senators of that unit as stipulated in the Bylaws. The Executive Committee may go into executive session when discussing sensitive issues as permitted by state law.

Medical University of South Carolina
COLLEGE OF HEALTH PROFESSIONS
ABBREVIATED CURRICULUM VITAE

Date: 4/8/2013

Name: Velozo Craig A.
Last First Middle

Citizenship and/or Visa Status: U.S.A

Office Address: _____ Telephone: _____

Education: (*Baccalaureate and above*)

<u>Institution</u>	<u>Years Attended</u>	<u>Degree/Date</u>	<u>Field of Study</u>
Ohio University	1981-1984	PhD/1984	Experimental Psychology
Washington University School of Medicine	1980-1984	BS/1984	Occupational Therapy
Ohio University	1977-1981	MS/1981	Experimental Psychology
The College of the Holy Cross	1974-1977	BA/1977	Psychology
_____	_____	_____	_____
_____	_____	_____	_____

Graduate Medical Training: (*Chronological*)

	<u>Place</u>	<u>Dates</u>
Internship		
NA	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

	<u>Place</u>	<u>Dates</u>
Residencies or Postdoctoral:		
NA	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Board Certification: National Board Certification in Occupational Therapy AA537266 Date: 03/31/ 2014
Date: _____
Date: _____
Date: _____

Licensure: Occupational Therapy Florida License 10270 Date: 02/28/2015
Date: _____
Date: _____
Date: _____

Faculty appointments: (*Begin with initial appointment*)

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
1988-2000	Assistant/Associate Professor	University of Illinois at Chicago	Occupational Therapy
2000-2013	Associate/Full Professor	University of Florida	Occupational Therapy
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

First Appointment to MUSC: Rank Full Professor Date: 07/01/201

Medical University of South Carolina
College Of Medicine
ABBREVIATED CURRICULUM VITAE

Name: Lucian V. Del Priore, M.D.,Ph.D.

Date: 4/16/2013

Education: *(Baccalaureate and above)*

<u>Year Earned</u>	<u>Institution</u>	<u>Degree</u>	<u>Field of Study</u>
1975	The Cooper Union for the Advancement of Science and Art	B.S.	Physics and Mathematics
1977	Cornell University	M.S.	Physics
1982	University of Rochester	M.D.	Medicine
1984	Cornell University	Ph.D.	Physics

Graduate Medical Training:*(Chronological)*

<u>Internship</u>	<u>Place</u>	<u>Dates</u>
Intern in Internal Medicine	Greater Baltimore Medical Center, Baltimore, MD	07/1983 - 06/1984
Resident in Ophthalmology	The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD	07/1984 - 06/1987

<u>Residencies or Postdoctoral</u>	<u>Place</u>	<u>Dates</u>
Resident in Ophthalmology	The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD	1984 - 1987
Fellow in Glaucoma	The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD	1987 - 1988
Fellow in Vitreoretinal Surgery and Assistant Surgeon	The Wilmer Eye Institute, The Johns Hopkins Hospital, Baltimore, MD	1988 - 1989

Board Certification:

Diplomate, American Board of Ophthalmology	Date: 05/16/1989
Diplomate, National Board of Medical Examiners	Date: 11/1984

Licensure:

UPIN number B70141	
DEA BD1758785	
NPI 1790702769	
Maryland #D34798	Date: 03/03/1987 (Inactive)
Missouri #MD R2P26	Date: 04/26/1991 (Inactive)
New York #182408	Date: 06/26/1990 (Active)
District of Columbia #17908	Date: 06/28/1989 (Inactive)
New Jersey #MA 067450	Date: 07/01/1998 (Active)
Illinois #036-092682	Date: 08/01/1996 (Inactive)
Florida #ME-0066474	Date: 12/09/1995 (Active)

Faculty Appointments:

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
07/1989 - 06/1991	Instructor	The Wilmer Eye Institute, The Johns Hopkins Hospital	Ophthalmology
07/1991 - 1998	Assistant Professor	Washington University School of Medicine	Ophthalmology and Visual Sciences
07/1991 - 1998	Assistant Professor	Washington University School of Medicine	Biochemistry and Molecular Biophysics
07/1998 - 12/1999	Associate Professor	Washington University School of Medicine	Ophthalmology and Visual Sciences
08/1998 - 08/2000	Associate Professor	University of Medicine and Dentistry of New Jersey	Ophthalmology
08/1998 - 08/2000	Associate Professor	University of Medicine and Dentistry of New Jersey	Neurosciences
09/2000 - 12/2005	Associate Professor	Columbia University	Ophthalmology
01/2006 - Present	Professor	Columbia University	Ophthalmology
2011 - Present	Professor	Medical University of South Carolina	Ophthalmology
2013 - Present	Professor	Medical University of South Carolina	Regenerative Medicine and Cell Biology

First Appointment to MUSC:

Rank: Professor

Date: 2011

Medical University of South Carolina

College Of Medicine

ABBREVIATED CURRICULUM VITAE

Name: Edward W. Trudo Jr., M.D.

Date: 3/4/2013

Citizenship and/or Visa Status: United States of America

Office Address:

Telephone:

Education: (*Baccalaureate and above*)

<u>Year Earned</u>	<u>Institution</u>	<u>Degree</u>	<u>Field of Study</u>
1981	United States Military Academy	B.S.	
1985	University of Pittsburgh	M.D.	Medicine

Graduate Medical Training: (*Chronological*)

<u>Internship</u>	<u>Place</u>	<u>Dates</u>
Transitional Internship	Walter Reed Army Medical Center, Washington, DC	07/1985 - 06/1986

<u>Residencies or Postdoctoral</u>	<u>Place</u>	<u>Dates</u>
Ophthalmology Preceptorship (Postdoctoral Fellowship)	U.S. Army Hospital, Ft. Knox, KY	07/1986 - 06/1987
Ophthalmology Residency	Walter Reed Army Medical Center, Washington, DC	07/1987 - 06/1990
Cornea, External Disease, and Refractive Surgery Fellowship	Wilmer Ophthalmological Institute, Johns Hopkins University, Baltimore, MD	07/1996 - 06/1997

Board Certification:

National Board of Medical Examiners #313826	Date: 07/01/1986
Lifetime Diplomate, American Board of Ophthalmology	Date: 11/24/1991
VISX PTK Certificate #1522	Date: 1996
VISX PRK with Astigmatism and High Myopia Certificate #8089	Date: 1998
C-LASIK Lamellar Refractive Surgery	Date: 1998
Keravision Intacts Course	Date: 2000
Alcon LADARVISION Certification	Date: 2007
Alcon Allegretto Eye-Q Excimer Laser Certification	Date: 2009

Licensure:

Pennsylvania MD-041686-E	Date: 1988-2004
Maryland D-0050695	Date: 1996-1999
DEA BT6470025 (private)	Date: 1999-2008
Maryland D-0050695	Date: 2000-2013
Delaware CI-0007811	Date: 2005-2009
DEA FT1187310 (federal exempt)	Date: 2008-2014

Faculty Appointments:

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
1991	Clinical Instructor	Uniformed Services University of the Health Sciences	
1996 - 2006	Instructor, Part-time	Wilmer Ophthalmological Institute, Johns Hopkins University	Ophthalmology
1997	Assistant Professor	Uniformed Services University of Health Sciences	Surgery (Ophthalmology)
11/2010 - 2011	Adjunct Faculty, Interservice Physician Assistant Program	Academy of Health Sciences, Ft. Sam Houston, TX	

First Appointment to MUSC:

Rank: Associate Professor

Date: 2013

**Medical University of South Carolina
College Of Medicine
ABBREVIATED CURRICULUM VITAE**

Name: Patrick A. Flume, M.D.

Date: 4/10/2013

Citizenship and/or Visa Status:

Office Address: 96 Jonathan Lucas Street C.S.B. Suite 812 Telephone: (843) 792-9219
MSC 630, Charleston, SC, 29425

Education: *(Baccalaureate and above)*

<u>Year Earned</u>	<u>Institution</u>	<u>Degree</u>	<u>Field of Study</u>
1983	University of Washington	B.A.	English
1987	University of Texas Health Science Center, San Antonio	M.D.	Medicine

Graduate Medical Training: *(Chronological)*

<u>Internship</u>	<u>Place</u>	<u>Dates</u>
Intern in Internal Medicine	UTHSCSA, San Antonio, TX	07/1987-07/1988

<u>Residencies or Postdoctoral</u>	<u>Place</u>	<u>Dates</u>
Resident in Internal Medicine	UTHSCSA, San Antonio, TX	07/1988-07/1990
Fellow in Pulmonary and Critical Care Medicine	University of North Carolina,	07/1990- 07/1993

Board Certification:

American Board of Internal Medicine	Date: 07/1990
American Board of Internal Medicine, Pulmonary Diseases	Date: 07/1992
American Board of Internal Medicine, Critical Care Medicine	Date: 07/1993

Licensure:

Texas	Date: 07/1988
North Carolina	Date: 07/1990
South Carolina	Date: 07/1993

Faculty Appointments:

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
1993 - 1998	Assistant Professor	Medical University of South Carolina	Medicine
1996 - 1998	Assistant Professor	Medical University of South Carolina	Pediatrics
1998 - 2006	Associate Professor	Medical University of South Carolina	Pediatrics
1998 - 2006	Associate Professor	Medical University of South Carolina	Medicine Division of Pulmonary
2006 - Present	Professor	Medical University of South Carolina	Medicine Division of Pulmonary
2006 - Present	Professor	Medical University of South Carolina	Pediatrics Division of Pediatric Pulmonology
2011 - Present	Associate Member	Medical University of South Carolina	Graduate Studies

First Appointment to MUSC: Rank: Assistant Professor

Date: 1993



**Proposal to the
South Carolina Commission on Higher Education**

1. Cover Page:

a. Proposing Institution:

Medical University of South Carolina

b. Program Title, Concentrations, Options and Tracks:

Master of Science (M.S.) in Oral Sciences. There will be two tracks within the MS in Oral Sciences program: Thesis and Non-thesis. Thesis track students will complete a minimum of 30 credit hours of coursework including at least 10 credit hours of independent research. Students in the non-thesis track will be required to take additional didactic course work in lieu of completing a full research project but will be required to complete a condensed research project and present their findings in an oral presentation and in writing. Both tracks will require oral qualifying examinations.

c. Submission Date:

May 15, 2013

d. Program Contact:

Keith L. Kirkwood, D.D.S., Ph.D.
Associate Dean for Research
Professor and Chair of Craniofacial Biology
Professor of Microbiology and Immunology
Director, MUSC Center for Oral Health Research
Diplomate, American Board of Periodontology

Raymond S. Greenberg, M.D., Ph.D.
President
Medical University of South Carolina

2. Classification:

a. Program Title:

Master of Science in Oral Sciences

b. Concentrations, Options and Tracks:

There will be two tracks within the MS in Oral Sciences program: Thesis and Non-thesis. Thesis track students will complete a minimum of 30 credit hours of coursework including at least 10 credit hours of independent research. Students in the non-thesis track will be required to take additional course work in lieu of completing a full research project but will be required to complete a condensed research project and present their findings in an oral presentation and in writing. Both tracks will require oral qualifying examinations.

c. Academic Unit:

Department of Craniofacial Biology, College of Dental Medicine, Medical University of South Carolina

d. Designation, Type and Level of Degree:

Successful completion of the proposed program will lead to a Master's of Science degree in Oral Sciences.

e. Proposed Date of Implementation:

Fall 2015

f. CIP Code:

51.0503 – Oral Biology and Oral and Maxillofacial Pathology

g. Site:

The MS in Oral Sciences program will be offered on the Medical University of South Carolina campus in Charleston, SC

h. The program does not qualify for supplemental Palmetto Fellows Scholarship or LIFE Scholarship awards.

i. Delivery mode:

The program will be offered through traditional instruction.

3. Institutional Approval:

The MS in Oral Sciences program proposal has been approved by:

MUSC Deans' Council January 13, 2013

MUSC Vice Presidents: January 23, 2013

Board of Trustees: May 16, 2013

4. Purpose:

The MUSC Master's of Science in Oral Sciences program has three main goals. The first purpose of the overall program is to train personnel for careers in basic, translational and clinical research methodologies in the field of oral health. The other goals of this program is to complement existing training opportunities that currently reside in Center for Oral Health Research (COHR) under the T-COHR (Training in Craniofacial and Oral Health Research) (see Justification below) and well as provide new programing in order to help establish a stable pipeline into both the PhD in Craniofacial Biology program and the DMD/PhD (Dentist Scientist Training Program) in the Colleges of Graduate Studies and Dental Medicine, respectively.

With this MS in Oral Sciences program, there is an opportunity to recruit foreign dentists (having DDS or BDS degrees) into this program for basic and translational research training. These potential trainees would be able to apply for both programs in the future increasing existing program candidate pools. Also, this program will provide an opportunity for students to receive additional training and experience in oral health-related research before or after submission of an application to dental school at MUSC or other U.S. institutions. Foreign dental graduates with an MS in Oral Sciences will have a competitive edge in earning faculty positions in their home countries. Likewise, graduates who remain in the U.S. will likely be competitive for acceptance in additional programs including Ph.D. programs and dental school.

5. Justification:

Post matriculation of the MS in Oral Sciences program, students will have a variety of options for employment within the State. The following bulleted job opportunities and information was obtained from the U.S. Bureau of Labor Statistics 2012-13 Occupational Outlook Handbook <http://www.bls.gov/oooh/>.

- Employment of biological technicians is projected to grow 14 percent from 2010 to 2020, as fast as the average for all occupations. Continued growth in biotechnology and medical research is expected to increase demand for these workers.
- Employment of microbiologists is expected to increase by 13 percent from 2010 to 2020, about as fast as the average for all occupations. More microbiologists will be needed to apply knowledge from basic research to develop biological products and processes that improve our lives.
- Employment of biomedical engineers is expected to grow by 62 percent from 2010 to 2020, much faster than the average for all occupations. Biomedical engineers typically need a bachelor's degree in biomedical engineering from an accredited program to enter the occupation. Alternatively, they can get a bachelor's degree in a different field of engineering and then either get a graduate degree in biomedical engineering or get on-the-job training in biomedical engineering.
- Employment of biological technicians is projected to grow 14 percent from 2010 to 2020, as fast as the average for all occupations.
- Employment of medical laboratory technicians is expected to grow by 15 percent between 2010 and 2020, about as fast as the average for all occupations.
- Employment of biochemists and biophysicists is projected to increase by 31 percent from 2010 to 2020, much faster than the average for all occupations.
- Employment of dentists is expected to grow by 21 percent from 2010 to 2020, faster than the average for all occupations. Dentists will continue to see an

increase in public demand for their services as studies continue to link oral health to overall health.

The MS in Oral Sciences is thematically aligned with the Medical University of South Carolina (MUSC) which is a public institution of higher learning the “purpose of which is to preserve and optimize human life in South Carolina and beyond. The university provides an interprofessional environment for learning and discovery through education of health care professionals and biomedical scientists, research in the health sciences, and provision of comprehensive health care”.

The MS in Oral Sciences directly aligns with the education of students to “become caring, compassionate, ethical, and proficient health care professionals and creative biomedical scientists”. This latter part is the central mission of the program and thus directly supports the University mission relative to creating biomedical scientists. The MS of Oral Sciences program also aligns with multiple other mission statements relative to research and interprofessionalism, diversity, and economic development for the State of South Carolina.

The Department of Craniofacial Biology was established in 2008 and currently provides administrative housing for the MUSC Board of Trustee-designated MUSC Center for Oral Health Research (COHR). Currently, the COHR provides the umbrella for research services as well as training for PhD, DMD/PhD, and postdoctoral fellows through T-COHR (Training in Craniofacial and Oral Health Research). In addition, T-COHR currently supports an undergraduate research experience during the summer through the MUSC Summer Undergraduate Research Program (SURP).

There are no similar programs offered by institutions of higher education in the State of South Carolina. Similar programs, however, are offered in other academic health centers/Schools of Dentistry in many other states. The closest similar program is offered at University of North Carolina at Chapel Hill. There are no other similar programs in states in the Southeast that have dental schools, including Alabama, Georgia, Virginia, and Florida. Other dental schools that offer a Masters of Science in Oral Sciences include the University at Buffalo, University of Missouri-Kansas City, University of Washington, New York University, Temple University and Boston University.

The proposed MS in Oral Sciences program will augment and strengthen existing academic programming within the T-COHR program and College of Dental Medicine (CDM). While T-COHR provides DMD/PhD, PhD and postdoctoral training as well as short-term summer undergraduate training, there is not a MS program. The Master of Science in Dentistry (MSD) program is restricted to dentists enrolled in clinical specialty training and is therefore not open to students with bachelor's or foreign dental degrees unless they are also accepted and enrolled in a dental clinical specialty e.g. periodontics or orthodontics.

CDM is one of six colleges within MUSC, an academic health center in the State of South Carolina, and has active collaborations with the Colleges of Medicine, Nursing, and Graduate Studies with joint academic and research programs. In addition to the courses offered within CDM, the MS in Oral Sciences will take advantage of some excellent courses offered through the College of Graduate Studies and offer research opportunities through other MUSC colleges for partial fulfillment of requirements of the proposed program.

6. Admission Criteria:

All applicants must have completed a Bachelor's degree or its equivalent, or a doctorate degree from an institution of higher education. Applicants are expected to have a cumulative GPA of at least 3.0 (on a 4.0 scale) and have taken coursework in biology and/or biological engineering. All applicants must also take the Graduate Record Examination (GRE) and have a combined score (verbal + quantitative) above the 65th percentile.

Official original records of academic achievement (transcript, diploma, degree, certificate, and/or official statements showing the class or quality of marks compared with those possible to achieve) are required all institutes of higher education attended.

Academic records from foreign institutions must be provided in English and must be certified or validated as true by a university or government official.

Foreign applicants whose native language is not English will be required to submit a score report of the Test of English as a Foreign Language (TOEFL) to demonstrate proficiency in English. Exceptions may be made if a student has attended a United States institution for an extended period of time. Scores must be sent directly from the Education Testing Service (ETS) to the university.

7. Enrollment:

The duration of the MS in Oral Sciences program is anticipated to be 24 months. This time is adequate for candidates to complete the requirements for the MS in Oral Sciences program including the completion of a research project and writing and defense of an original thesis. The program will only be offered to students who have obtained a bachelor's degree with coursework in the field of biology or a dental degree (DDS, DMD or BDS).

The proposed program will be fully operational within a two-year period with an expected average of 4-6 graduates per year. This number is estimated based on enrollment in other MS programs at MUSC and the space available for additional students in the currently offered courses. It is expected that approximately one third of the students accepted to the program will have a foreign dental degree, such as a BDS, and will utilize the program to increase the chance of admission to a US DMD or DDS program. As the number of faculty the department increases and becomes more nationally and internationally recognized, it is anticipated that the number of graduates will increase.

Table A – Projected Total Enrollment

Assumptions made for the following projections:

1. No students will transfer in from other programs.
2. *2 students will be accepted in the first year the program is offered.
3. **3 students will be accepted the second year the program is offered.
4. All students will graduate after 24 months (six semesters) in the program.
5. ***5 students will be accepted in the third year the program is offered.
6. ****6 students will be accepted the fourth year the program is offered.

PROJECTED TOTAL ENROLLMENT						
YEAR	FALL		SPRING		SUMMER	
	Headcount	Credit Hours	Headcount	Credit Hours	Headcount	Credit Hours
2014-15	2*	18	2	18	2	18
2015-16	5**	45	5	45	5	45
2016-17	8***	72	8	72	8	72
2017-18	11****	99	11	99	11	99
2018-19	11	99	11	99	11	99

8. Curriculum:

The MS in Oral Sciences curriculum will require successful completion of a minimum of 30 credit hours of coursework and research for successful completion of the degree. All students will be required to register for 9 credit hours of coursework each semester they are enrolled in the program. The majority of the coursework is currently offered by CDM (applicable course numbers of available courses indicated below; new/proposed courses are in **bold**) and there is room available in the classes for additional students in the MS in Oral Sciences Program. Students will be able to select either a thesis or non-thesis track. Students electing to enter the thesis track will be required to complete at least ten credit hours of Thesis Research (new course described below), while students choosing the non-thesis track will be required to complete at least 22 credit hours of didactic coursework.

All students will be required to register for Topics in Craniofacial Biology (CRFB-745) and Craniofacial Biology Seminar Series (CRFB-747) each semester. Both of these courses are currently offered within the College and have space available for additional registered students. In addition, students in both thesis and non-thesis tracks will be required to complete courses in research design (Introduction to Research Methodologies, CRFB-901), research ethics (offered through the MUSC College of Graduate Studies, CGS-710) and biostatistics. There is currently no biostatistics course available in the College for MS students, so a new course will be designed to include with the program. The new course will be a 2-credit course offered in the fall of each year entitled "Biostatistics for Dental Research" (**CRFB-90x**). The course will be taught by a faculty member with an advanced degree in biostatistics and will include lectures on the appropriate use of statistical analysis in oral research methodologies including in vitro studies, in vivo animal models and clinical research. The course will also be available to DMD students and MSD students as an elective and students will receive merit grades.

The MS in Oral Sciences program will include three foundational courses already offered in the College, Cell & Molecular Biology of Mineralized Tissue (CRFB-801), Oral Immunobiology (CRFB-624) and Biochemical Aspects of Oral Biology (CRFB-902), to provide enrolled students with a broad background in the biological sciences and oral biology. Students selecting the thesis track will be required to take and pass two of the three foundational courses while students selecting the non-thesis track will be required to complete all three foundational courses.

Students in both the thesis and non-thesis tracks will be encouraged to rotate through at least two laboratories during their first semester before selecting a research mentor. All students will be required to identify a research mentor and research project at the

beginning of their second semester in the program. The College does not currently have a course offered to that would cover the optional laboratory rotations so a new course will be designed for this purpose (**CRFB-91x**). The new course will be a 3 credit course available in the fall of each year. Students will be required to submit a brief description of the research questions addressed during the two rotations and complete an evaluation of the rotation experience at the end of the semester. The course will be graded as pass-no pass and the selected mentors will submit grades for each rotation to the program director.

Once the student has selected a mentor for their research project, non-thesis track students will be required to register in CRFB-900, Independent Research and will complete a research project. The students will be required to submit a written summary of their research project to the graduate committee and present their work to the faculty. Students choosing the thesis track will register for a new course to be created (**CRFB-99x**; Thesis Research). Both courses will be graded as pass-no pass by the research advisor chosen by the student.

Elective courses will be selected upon discussion with the student's graduate committee, and typically cover the area of research pertinent to the student's thesis work or specific research interests. Before completion of the second semester, all students will be required to select a graduate examination committee and pass an oral qualifying exam covering the general oral sciences. Students choosing the thesis option will be required to write and defend a thesis describing the independent research that they performed prior to completion of the program. Students choosing to complete the non-thesis option will be required to submit a written report of their research project to the graduate examination committee and present their research findings orally to the program faculty in the last semester of the program.

Sample Curriculum:

Thesis Track

Year 1

Fall Semester

0.5 cr	CRFB-745 Topics in Craniofacial Biology	0.5 cr
0.5 cr	CRFB-747 Craniofacial Biology Seminar Series	0.5 cr
1 cr	CGS-710 Essential Scientific Practices I	1 cr
2 cr	CRFB-901 Introduction to Research Methodologies	2 cr
(3 cr)	CRFB-91x Laboratory Rotation (optional)	(3 cr)
(3 cr)	CRFB-900 Independent Research (in lieu of CRFB-91x)	(3 cr)
2 cr	CRFB-90x Biostatistics for Dental Research	2 cr

Spring Semester

0.5 cr	CRFB-745 Topics in Craniofacial Biology	0.5 cr
0.5 cr	CRFB-747 Craniofacial Biology Seminar Series	0.5 cr
3 cr	CRFB-902 Biochemical Aspects of Oral Biology	3 cr
(2 cr)	Optional elective	(2 cr)
3-5 cr	CRFB-900 Independent Research	3-5 cr

Summer Semester

9 cr	CRFB-900 Independent Research	9 cr
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Non-thesis track

Year 2

Fall Semester

0.5 cr	CRFB-745 Topics in Craniofacial Biology	0.5 cr
0.5 cr	CRFB-747 Craniofacial Biology Seminar Series	0.5 cr
3 cr	CRFB-801 Cell & Molecular Biology of Mineralized Tissue	3 cr
-	CRFB-900 Independent Research	3-5 cr
(2 cr)	Optional elective	(2 cr)
3-5 cr	CRFB-99x Thesis Research	-

Spring Semester

0.5 cr	CRFB-745 Topics in Craniofacial Biology	0.5 cr
0.5 cr	CRFB-747 Craniofacial Biology Seminar Series	0.5 cr
-	CRFB-624 Oral Immunobiology	4 cr
(2 cr)	Optional elective	(2 cr)
-	CRFB-900 Independent Research	2-4 cr
6-8 cr	CRFB-99x Thesis Research	-

Summer Semester

-	CRFB-900 Independent Research	9 cr
9 cr	CRFB-99x Thesis Research	-

New Course Descriptions:

CRFB-910 Laboratory Rotation, 3 credit hours, fall

Students will rotate through 2 independent research labs of their choosing during the semester to identify a research mentor for their independent or thesis research project. Students will be required to write a brief summary of their research at the end of each 6 week rotation and will be allowed to evaluate the laboratory experience. Mentors will submit a pass/no pass grade and evaluation of the student at the end of each rotation. Grades will be pass/no pass and will be determined by averaging the two mentor evaluations.

CRFB-90x Biostatistics for Dental Research, 2 credit hours, fall

This course will introduce students to the use of biostatistics in the area of dental research. Topics will include how to use statistical methods during experimental design and data analysis as well as the limitations of commonly used statistical methodologies. Statistical methods covered will include those most frequently used in both basic and clinical research methodologies. The course is open to all MS, MSD, DMD and PhD students. The course will be merit graded.

CRFB-99x Thesis research, 1-9 credit hours, fall/spring/summer

MS students who have chosen the thesis-track will be allowed to register for this course after successful completion of their oral qualifying exam when they begin their formal thesis research project. The course will be pass/no pass graded by the chosen research mentor.

9. Assessment:

In non-merit graded courses such as research and laboratory rotations, mentors/research supervisors will complete an evaluation form detailing the student's abilities in several areas such as knowledge in the area of research, participation in laboratory meetings and discussions, ability to communicate research questions and methodologies, and general work ethic at the end of each semester. The results of the

evaluation will be shared with the student to allow for improvement in the future. Students will also evaluate mentors/research supervisors at the end of rotations. These evaluations will be confidential but will provide program administrators to identify mentors that do not meet the expectations of the program. The anonymous evaluations will also be made available to future students to assist with their selection of appropriate laboratories for completion of their thesis research or independent studies.

Oral qualifying exams will be graded by completion of a table by each committee member detailing whether the student fails to meet, meets or exceeds expectations in the areas being tested. The evaluation will include whether the student responds adequately to questions in their chosen research area, demonstrates knowledge of the field, can critically evaluate the research in the field, and can clearly communicate their ideas to others.

The oral defense for students choosing the thesis-track will be evaluated similarly to the oral qualifying. In addition to the review criteria listed above, the student will be rated as does not meet, meets or exceeds expectations on their ability to respond to questions regarding their project and can respond to challenges professionally.

The MS in Oral Sciences program will be assessed regularly through several methods. For merit-graded courses, all students will be given the opportunity to complete an E-value evaluation at the end of the course. The evaluations will include metrics such as instructors, quality and adequacy of instructional materials provided, clarity of presentations, fairness of tests/assignments, and clarity of course objectives. The data collected from these evaluations will be used by the MS in Oral Sciences curriculum committee (detailed below) to modify and improve courses for subsequent years. Comments on instructor quality will be forwarded to the appropriate instructors and course directors.

A curriculum committee will be formed to assess the quality of individual courses within the program, approve new courses prior to their implementation, and modify the program requirements if necessary based on evaluations and outcomes. The committee will consist of seven faculty members with representatives from both basic and clinical research areas within the College of Dental Medicine, the Education Specialist employed by the College, and at least one faculty member from the College of Graduate Studies.

In order to assess the effectiveness of the program in achieving its goals, students will be asked to provide administrative staff with a non-MUSC, permanent e-mail address (such as Gmail or Yahoo) at the time of acceptance. This e-mail address will be used to communicate with graduates after completion of the program. Students will be asked their goals following completion of the program at the time of admission to allow individual assessment of program success. Success for each student may be defined as acceptance to an accredited DMD or DDS program, acceptance to a PhD program, full-time employment in dental research.

For students whose goal is to obtain a DMD or DDS degree, students will be asked to provide the program administration with the total number of dental school applications submitted, DAT scores (or an increase in prior DAT scores), number of interviews at dental schools, number of offers of acceptance. Later data that will be collected could include successful completion of a dental degree, participation in dental research,

membership in dental societies, and current employment (e.g. private dental practice, academic faculty, alternate career in dental research, specialty training).

Students whose goal is to obtain a PhD will be asked for similar information regarding graduate school applications, interviews, GRE scores and acceptance. Longer term data will include postdoctoral positions offered/accepted, grant funding status, and obtaining employment in dental education or oral health-related research.

Success of the program for students not desiring to pursue an advanced degree will be monitored on an individual basis with regards to achievement of their goal(s) at the time of matriculation into the program. Students may be interested in pursuing a career in oral health-related research, but not in obtaining an advanced degree and success will be defined as achievement of that goal upon graduation and into the future.

Recent program graduates will also be asked to complete a brief survey covering their opinion on the program. Students will be asked to comment on the amount of didactic coursework required, the topics and appropriateness of the core curriculum, availability of appropriate mentors and electives, and the oral qualifying and defense (thesis track only) required by the program.

The above data regarding outcomes following completion of the program will be collected and the curriculum committee will use the results to determine if the current structure and focus of the program is adequate to allow students to achieve success after graduation. If students identify gaps or overlaps in the core courses, we will work with the course directors to adjust the curriculum to minimize these areas. Students may also identify areas of interest that are not addressed in the core curriculum or available as electives providing the committee with the opportunity to develop additional courses that would be beneficial to the program and potentially other programs within the College. In addition to regular review of the curriculum and student success, all faculty participating in teaching of the core curriculum will attend an annual retreat jointly with the DMD and MSD program faculty within the college. This will provide opportunities for aligning the courses in all three curricula and provide continuing training in educational methods.

10. Faculty:

Table B – Faculty List

Faculty by Rank	Highest Degree Earned	Field of Study	Teaching in Field (Yes/No)
Professor #1	Ph.D.	Oral Biology/Immunology	Yes
Professor #2	Ph.D.	Cell Biology	Yes
Professor #3	Ph.D.	Cell Biology	Yes
Professor #4	Ph.D.	Biochemistry	Yes
Professor #5	Ph.D.	Immunology	Yes
Professor #6	Ph.D.	Biochemistry	Yes

Associate Professor #1	Ph.D.	Microbiology	Yes
Associate Professor #2	Ph.D.	Biochemistry	Yes
Associate Professor #3	Ph.D.	Biomedical Engineering	Yes
Associate Professor #4	Ph.D.	Cell Biology	Yes
Associate Professor #5	Ph.D.	Biochemistry	Yes
Associate Professor #6	Ph.D.	Immunology	Yes
Assistant Professor #1	Ph.D.	Cell Biology/Mineralized Tissue Biology	Yes
Assistant Professor #2	Ph.D.	Cancer Biology	Yes
Assistant Professor #3	Ph.D.	Biochemistry	Yes
Assistant Professor #4	Ph.D.	Biostatistics	No
Assistant Professor #5	Ph.D.	Oral Biology	No
Assistant Professor #5	Ph.D.	Biomedical Engineering	No
Research Assistant Professor #1	Ph.D.	Biomedical Engineering	Yes
Research Assistant Professor #2	M.D.	Oral Pathology	No

All faculty necessary to implement the MS in Oral Sciences program are currently within the College of Dental Medicine faculty. Additional faculty are being sought by the College with research expertise in oral microbiology, mineralized tissue biology or biostatistics at this time to strengthen the research program within the College and University. While these new positions are not essential for initiation of the program, they will enhance the educational mission of the MS in Oral Sciences program in the future.

Any new faculty hires necessary for the program will be required to hold a professional degree (DMD, PhD, DMD/PhD, or MD/PhD) from an accredited institution and have experience in basic, translational or clinical oral health-related research. New appointees will be required to be fluent in both written and spoken English.

No changes in duties for faculty or administrative staff are expected following implementation of the MS in Oral Sciences program. The administrative staff currently handles the corresponding duties for the DMD/PhD and DMD program in the College and has sufficient staff to accommodate the additional students. Faculty are currently teaching the offered courses and no changes will be necessary to their allotted time for teaching relative to other duties.

The Institutional plan for faculty development will be based on the existing program. Faculty member time is allotted according to the needs of the didactic course component and will include time allotted for research activities, curriculum development, and

administrative duties such as mentoring. The University currently offers many activities for faculty development including seminars and interprofessional programs.

The Institutional definition of a full time equivalent (FTE) is a faculty position requiring at least forty hours per week of commitment.

Table C – Unit Administration, Faculty and Staff Support Table

UNIT ADMINISTRATION, FACULTY, AND STAFF SUPPORT						
YEAR	NEW		EXISTING		TOTAL	
	Headcount	FTE	Headcount	FTE	Headcount	FTE
Administration						
2014-15	0	0	2	.15	2	.15
2015-16	0	0	2	.15	2	.15
2016-17	0	0	2	.15	2	.15
2017-18	0	0	2	.15	2	.15
2018-19	0	0	2	.15	2	.15
Total	0	0	2	.15	2	.15
Faculty						
2014-15	3	0.05	16	0.15	19	0.2
2015-16	0	0	19	0.2	19	0.2
2016-17	0	0	19	0.2	19	0.2
2017-18	0	0	19	0.2	19	0.2
2018-19	0	0	19	0.2	19	0.2
Total	3	0.05	16	0.15	19	0.2
Staff						
2014-15	0	0	2	.15	2	.15

2015-16	0	0	2	.15	2	.15
2016-17	0	0	2	.15	2	.15
2017-18	0	0	2	.15	2	.15
2018-19	0	0	2	.15	2	.15
Total	0	0	2	.15	2	.15

11. Physical Plant:

The proposed MS in Oral Sciences program will not require any changes or additions to the physical plant in place at the Medical University of South Carolina, College of Dental Medicine. Adequate classroom space is already available and most of the courses included in the program are currently offered in the College. Additionally, the Administrative staff and office space currently in place for the DMD/PhD program within the College will support the new MS in Oral Sciences program.

12. Equipment:

The University and college currently operate sufficient equipment for the proposed MS in Oral Sciences program so no additions to equipment will be necessary for implementation of the program. Lecture halls, conference rooms, computer-equipped offices are currently available within the College of Dental Medicine for implementation of the program. Research facilities are available in the Center for Oral Health Research and mentors are provided with research space and equipment sufficient to conduct their studies that the students will have access to.

13. Library Resources:

The proposed MS in Oral Sciences program will not require any changes or additions in Library facilities already in place at the Medical University of South Carolina. The existing Library facilities offer both print and online journals and other publications appropriate and necessary for any scholarly activities anticipated. Regular innovations in Library technologies are anticipated but would be completed regardless of the addition of this program. Such innovations in Library technologies will only serve to enhance access to necessary scholarly works and reference materials to facilitate both student and faculty activities.

14. Accreditation, Approval, Licensure, or Certification:

The Medical University of South Carolina is fully accredited by the Southern Association of Colleges and Schools (SACS).

The proposed MS in Oral Sciences program is not designed to be linked to any certification or licensure program and as such, no certification or licensure will be obtained upon completion of the program.

15. Articulation:

The MUSC Center for Oral Health Sciences (COHR) has been on significant growth trajectory for the past five years. With the Dept. of Craniofacial Biology as the academic home, the Center currently administers over \$4,000,000 in federal grants for fiscal year 2013. Dental Schools in the US are often ranked by federal (NIH) research dollars. In the past several years, the College of Dental Medicine has gone from being unranked in NIH funding to now 23rd in the US amongst 64 dental schools currently conferring either a DMD or DDS degree. In addition, MUSC and Clemson University have an active collaborative relationship in the area of bioengineering through the MUSC-Clemson Bioengineering Program. Joint faculty positions and recruitments are part of this programmatic alignment. The CDM faculty actively collaborate with Clemson faculty on research projects, mentoring of students, and serve on students' thesis committees currently. Clemson students are already part of T-COHR (Training in Craniofacial and Oral Health Research). MS of Oral Sciences students will be allowed to take Clemson Bioengineering courses and work directly with Clemson faculty who conduct research in the areas of oral and craniofacial bioengineering. Finally, the dental school has forged a strong alliance with the Hollings Cancer Center at MUSC becoming a pivotal component of this NCI-designated center through support of the research services, internal administration, joint recruitments, and grants administration. Thus, the MUSC COHR is truly a campus-wide and statewide interdisciplinary and interprofessional center that fosters research and education in a highly interactive and collaborative environment.

16. Estimate of costs:

The MS in Oral Sciences program will be implemented with existing faculty and staff resources. The majority of the courses are currently offered in the College of Dental Medicine. Partial faculty and staff salary compensation is needed to fully commit and implement this program along with partial salary compensation for the program director.

Table D – Estimated Costs and Sources of Financing by Year

ESTIMATED COSTS BY YEAR						
CATEGORY	1st	2nd	3rd	4th	5th	TOTALS
Program Administration	33,000	33,000	33,000	33,000	33,000	165,000
Faculty Salaries	20,000	20,000	20,000	20,000	20,000	100,000
Graduate Assistants	0	0	0	0	0	0
Clerical/Support Personnel	20,000	20,000	20,000	20,000	20,000	100,000
Supplies and Materials	0	0	0	0	0	0
Library Resources	5,000	5,000	5,000	5,000	5,000	25,000
Equipment	0	0	0	0	0	0
Facilities (IT support)	6,200	6,200	6,200	6,200	6,200	31,000
Other – outcomes assessment	5,000	5,000	5,000	5,000	5,000	25,000
Other – program	3,480	3,480	3,480	3,480	3,480	17,400

marketing						
Other – Consultant	3,000	0	0	0	0	3,000
Other – Faculty Retreat	1,000	0	0	0	0	1,000
TOTALS	96,680	92,680	92,680	92,680	92,680	467,893
SOURCES OF FINANCING BY YEAR						
Tuition Funding*	46,429	111,058	185,716	250,345	250,345	843,893
Program Specific Fees	0	0	0	0	0	0
State Funding	0	0	0	0	0	0
Reallocation of Existing Funds	0	0	0	0	0	0
Federal Funding	0	0	0	0	0	0
Other Funding (Specify)	0	0	0	0	0	0
TOTALS	46,429	111,058	185,716	250,345	250,345	843,893

*Assumes 50% of students in-state and 50% of students out-of-state. For years with odd student numbers in Table A, the majority of the students are estimated to be in-state. Tuition numbers are based on full time tuition for MUSC MS in Biomedical Sciences 2012-2013.

**MEDICAL UNIVERSITY OF SOUTH CAROLINA
PROFESSIONAL SERVICES
FOR REPORTING
MAY 16, 2013**

MUSC Indefinite Delivery Releases

MECA, Inc. \$38,000.00

Provide mechanical engineering services in support of the Deferred Maintenance - Waring HVAC project.

RMF Engineering, Inc. \$14,900.00

Provide architectural and engineering services in support of the Basic Science Building 7th Floor Pathology Laboratory Renovation Project.

RMF Engineering, Inc. \$17,200.00

Provide HVAC system analysis of 135 Cannon Street at the request of the customer.

S&ME, Inc. \$1,220.00

Provide asbestos air monitoring in conjunction with removal of asbestos-containing fireproofing on the seventh floor of the Basic Science Building.

S&ME, Inc. \$435.00

Provide asbestos bulk sampling and analysis of Colbert Education Center Elevators at the request of Occupational Safety.

MUSC 230s

DWG, Inc. Consulting Engineers \$7,200.00

Provide additional design services in support of the Institute of Psychiatry Exhaust System project.

Stubbs Muldrow Herin Architects, Inc. \$40,190.00

Provide architectural and engineering design services in support of the Institute of Psychiatry 1st Floor Rated Exit Enclosure and Fan Coil Replacement project.

ADC Engineering, Inc. \$8,380.00

Provide surveying, civil engineering and landscape architecture design and permits for the construction of six asphalt parking spaces behind the College of Health Professional Building at 77 President Street at the request of the customer.

IDC Contracts

Stubbs Muldrow Herin Architects, Inc.

Provide architectural services under a small IDC contract on an as-needed basis throughout the campus. No project to exceed 50,000. Total small contracts not to exceed \$150,000 in past two years.

ADC Engineering, Inc.

Provide civil engineering services under a small IDC contract on an as-needed basis throughout the campus. No project to exceed 50,000. Total small contracts not to exceed \$150,000 in past two years.

Large Contracts

SAFEbuilt Carolinas Inc. \$22,797.81

Provide special inspection services in support of the College of Nursing Floors 2 through 5 Renovations project.

SAFEbuilt Carolinas Inc. \$10,708.28

Provide special inspection services in support of the Clinical Science Building Chiller Replacement project.

**MEDICAL UNIVERSITY OF SOUTH CAROLINA
CONSTRUCTION CONTRACTS
May 16, 2013**

MUSC Indefinite Delivery Releases

Huss, Inc. \$11,536.00

Replace plenum louver screens in support of the Drug Discovery Building project.

Allen, H.R., Inc. \$26,537.00

Modify existing chilled water system that serves the Bioengineering and Drug Discovery Buildings.

Huss, Inc. \$12,512.00

Replace plenum louver screens in support of the Bioengineering Building project.

Hitt Contracting \$79,850.00

Provide demolition in support of the Clinical Science Building 9th Floor Renovation project.

Abate & Insulate, LLC \$682.00

Remove and dispose of abestos-containing transite fume hoods in support of the Basic Science Building 7th Floor Pathology Tissue Laboratory Renovations project.

Asbestos & Demolition Inc. \$1,950.00

Remove and dispose of 1120 square feet of asbestos-containing floor tile and mastic in support of the 7th Floor Clinical Science Building Orthopedic Surgery Office Renovation project.

Abate & Insulate, LLC \$643.00

Remove and dispose of flashing at the Bank Building at the request of the customer.

Bonitz Contracting & Flooring Group \$1,363.79

Remove and replace 196 square feet of linoleum and 120 linear feet of cove base in the 2nd floor corridor of the Bioengineering Building at the request of the customer.

Abate & Insulate, LLC \$893.30

Remove asbestos-containing material from Basic Science Building Room 730B at the request of Occupational Safety.

Bonitz Contracting & Flooring Group \$2,148.22

Install 32 square yards of carpet tile and 270 square feet VCT and 240 linear feet of cove base in Rooms HE625 and HE626 of Clinical Science Building at the request of the customer.

Bonitz Contracting & Flooring Group \$3,615.44

Remove and replace 64 square yards of carpet tile and 240 linear feet of cove base in Clinical Science Building Rooms HE708 D and E at the request of the customer.

Bonitz Contracting & Flooring Group \$635.46

Install 84 square feet of sheet vinyl in the library elevators at the request of the customer.

Bonitz Contracting & Flooring Group \$1,457.38

Remove carpet and install 162 square feet of sheet vinyl and 120 linear feet cove base in Room 230 of the Storm Eye Institute at the request of the customer.

Bonitz Contracting & Flooring Group \$8,989.57

Remove and replace 1572 square feet of carpet and 600 linear feet cove base in Suites BM629 and BM630, Strom Thurmond, at the request of the customer.

Bonitz Contracting & Flooring Group \$640.31

Remove and replace 135 square feet of VCT flooring and 120 linear feet cove base in Room BM320 Strom Thurmond at the request of the customer.

MUSC General Construction Projects

Newtech Inc. \$187,222.00

Perform concrete and sealant repairs in support of the Harborview Garage Expansion Joint project.

Image Resource, LLC \$1,202.00

Supply and install large department identification sign in support of Basic Science Building Dental Medicine Classroom project.

Image Resource, LLC \$1,251.78

Supply and install signage in support of the Craniofacial Biology Office Renovation project.

Blackstone, W. O., & Co., Inc.

\$19,939.00

Install new exhaust filtration system for smoking room at 30 Bee Street at request of customer.

Hill Construction Services of Charleston Inc.

\$2,311.00

Demolish walls in Basic Science Building Room 122 to provide additional office space at the request of the customer.

MUSC Indefinite Delivery Contracts

MSI Construction Co., Inc.

Provide mechanical construction services campus-wide over a two year period on an as-needed basis. Services not to exceed \$1,000,000 with individual releases not to exceed \$250,000.

Blackstone, W. O., & Co., Inc.

Provide mechanical construction services campus-wide over a two year period on an as-needed basis. Services not to exceed \$1,000,000 with individual releases not to exceed \$250,000.

Allen, H.R., Inc.

Provide mechanical construction services campus-wide over a two year period on an as-needed basis. Services not to exceed \$1,000,000 with individual releases not to exceed \$250,000.

Cullum Constructors

Provide mechanical construction services campus-wide over a two year period on an as-needed basis. Services not to exceed \$1,000,000 with individual releases not to exceed \$250,000.