



**AGENDA**  
(REGULAR AND CONSENT)

HOSPITAL AUTHORITY BOARD OF TRUSTEES  
AND  
UNIVERSITY BOARD OF TRUSTEES

August 11, 2023

**MEDICAL UNIVERSITY HOSPITAL AUTHORITY (MUHA) BOARD OF TRUSTEES  
REGULAR AGENDA**

August 11, 2023  
101 Colcock Hall

**Members of the Board of Trustees**

Dr. James Lemon, Chairman	Dr. Richard M. Christian, Jr.
Mr. Charles Schulze, Vice-Chairman	Dr. Paul T. Davis
Ms. Terri R. Barnes	Dr. Donald R. Johnson II
The Honorable James A. Battle, Jr.	Ms. Barbara Johnson-Williams
Mr. William H. Bingham, Sr.	Dr. G. Murrell Smith, Sr.
Dr. W. Melvin Brown III	Mr. Michael E. Stavrinakis
Dr. Henry F. Butehorn III	Thomas L. Stephenson, Esq.
Dr. C. Guy Castles III	Dr. Bartlett J. Witherspoon, Jr.

**Trustees Emeriti**

Mr. Allan E. Stalvey      Dr. Charles B. Thomas, Jr.      Dr. James E. Wiseman, Jr.

- Item 1. Call to Order .....Dr. James Lemon  
*Chairman*
- Item 2. Roll Call..... Katherine Haltiwanger  
*Board Secretary*
- Item 3. Date of Next Regular Meeting - October 13, 2023..... Katherine Haltiwanger  
*Board Secretary*
- Item 4. Approval of Meeting Minutes .....Dr. James Lemon  
*Chairman*

**Recommendations and Informational Report of the President: Dr. David Cole**

- Item 5. General Informational Report of the President..... Dr. David Cole  
*President*
- Item 6. Other Business ..... Dr. David Cole  
*President*

**Authority Operations, Quality, & Finance Committee: Dr. Murrell Smith, Chair**

- Item 7. MUSC Health Status Report .....Dr. Patrick Cawley  
*Chief Executive Officer, MUSC Health*
- Item 8. MUHA Consolidated Financial Report.....Lisa Goodlett  
*Chief Financial Officer, MUSC Health*

- Item 9. MUSC Health FY2024 Budget for Approval ..... Lisa Goodlett  
*Chief Financial Officer, MUSC Health*
- Item 10. Capital Reprioritization Request for Approval ..... Lisa Goodlett  
*Chief Financial Officer, MUSC Health*
- Item 11. Quality and Patient Safety Report ..... Dr. Danielle Scheurer  
*Chief Quality Officer, MUSC Health*
- Item 12. Governmental Affairs Report ..... Mark Sweatman  
*Chief, Governmental Affairs*
- Item 13. MUSC Physicians Report ..... Dr. Jonathan Edwards  
*President, MUSC Physicians*
- Item 14. Other Committee Business ..... Dr. Murrell Smith  
*Committee Chair*

**MUHA and MUSC Physical Facilities Committee: Bill Bingham, Chair**

- Item 15. MUHA Leases for Approval ..... Jessica Paul  
*Chief Real Estate Officer, MUSC Health*
- Item 16. MUSC Lease for Approval ..... Jessica Paul  
*Chief Real Estate Officer, MUSC Health*
- Item 17. MUSC Professional Services Selection for Approval ..... David Attard  
*Chief Facilities Officer, MUSC*
- Item 18. MUHA Professional Services Selection for Approval ..... Tom Crawford  
*Chief Operating Officer, MUSC Health*
- Item 19. Other Committee Business ..... Bill Bingham  
*Committee Chair*

**MUHA and MUSC Audit Committee: Tom Stephenson, Chair**

- Item 20. Enterprise Risk Management Update ..... Reece Humphreys  
*Director, Enterprise Risk Management*
- Item 21. Increase in External Audit Fees ..... Susan Barnhart  
*Director, Internal Audit*
- Item 22. Report of the Office of Internal Audit ..... Susan Barnhart  
*Director, Internal Audit*
- Item 23. Other Committee Business ..... Tom Stephenson  
*Committee Chair*

**Other Business for the Board of Trustees**

Item 24. Approval of Consent Agenda.....Dr. James Lemon  
*Chairman*

Item 25 Executive Session .....Dr. James Lemon  
*Chairman*

Upon proper motion and vote, the Board may convene a closed session pursuant to SC Code Ann. §30-4-70. Although the Board will not vote on any items discussed in closed session, the Board may return to public session to vote on items discussed.

Item 26. New Business for the Board of Trustees.....Dr. James Lemon  
*Chairman*

Item 27. Report from the Chairman .....Dr. James Lemon  
*Chairman*

**MUSC Health - Board Package**  
**MUHA - Medical University Hospital Authority**  
Interim Financial Statements  
June 30, 2023

**Medical University Hospital Authority (MUHA)**

**Statement of Revenues, Expenses and Changes in Net Assets**

Consolidated

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**Statements of Net Position**

Consolidated

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**Statements of Cash Flows**

Consolidated

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Note:

1) In FY2018, the internal financial statement format was changed to a FASB basis report to appropriately match the income stream of state appropriations and expenses incurred in addition to a presentation format that matches HUD and the credit market expectations.

# Medical University Hospital Authority - Consolidated

## Statement of Revenues, Expenses, and Change in Net Position

For the 12 Month Period Ending - June 30, 2023

### Modified FASB Basis (in thousands)

	Current Month				Fiscal Year To Date				
	Actual	Fixed Budget	Variance	Var %	Actual	Fixed Budget	Variance	Var %	YTD Prior Year
<b>Operating Revenues</b>									
Net Patient Service Revenue	\$318,450	\$243,930	\$74,520	30.55%	\$2,887,394	\$2,844,809	\$42,586	1.50%	\$2,525,915
DSH	11,752	5,975	5,778	96.71%	86,747	69,694	17,053	24.47%	73,847
Retail Pharmacy Revenue	44,038	32,691	11,347	34.71%	533,701	397,752	135,948	34.18%	403,976
Other Revenue	20,547	9,137	11,411	124.89%	127,398	99,038	28,360	28.64%	109,399
State Appropriations	21,590	2,381	19,210	806.92%	86,027	28,567	57,460	201.14%	30,967
<b>Total Operating Revenues</b>	<b>\$416,378</b>	<b>\$294,113</b>	<b>\$122,265</b>	<b>41.57%</b>	<b>\$3,721,267</b>	<b>\$3,439,861</b>	<b>\$281,406</b>	<b>8.18%</b>	<b>\$3,144,103</b>
<b>Operating Expenses</b>									
Salaries Wages	\$99,132	\$89,643	\$9,489	10.59%	\$1,153,840	\$1,073,486	\$80,353	7.49%	\$953,076
Benefits	35,056	30,431	4,625	15.20%	369,767	363,894	5,873	1.61%	303,810
Purchased Services	55,309	41,756	13,554	32.46%	545,562	489,970	55,593	11.35%	461,423
Physician Services	19,089	11,940	7,149	59.88%	171,656	167,233	4,423	2.64%	170,196
Pharmaceuticals	20,200	17,162	3,038	17.70%	230,209	204,931	25,278	12.34%	211,679
Retail Pharmaceuticals	29,242	16,195	13,047	80.56%	270,478	197,037	73,441	37.27%	192,268
Medical Supplies	45,754	40,589	5,166	12.73%	494,469	478,090	16,379	3.43%	476,638
Other Supplies	7,118	3,781	3,337	88.27%	61,419	45,937	15,482	33.70%	43,411
Utilities	3,053	2,758	294	10.67%	36,730	33,056	3,674	11.11%	31,607
Insurance	2,055	1,267	788	62.14%	15,790	15,711	79	0.50%	10,884
Leases	4,343	3,639	704	19.35%	57,379	43,217	14,162	32.77%	22,534
Other	7,723	4,583	3,140	68.52%	60,784	55,533	5,251	9.46%	42,041
Physician Clinic Expense	-	-	-	0.00%	-	-	-	0.00%	6,014
<b>Total Operating Expenses</b>	<b>\$328,074</b>	<b>\$263,743</b>	<b>\$64,330</b>	<b>24.39%</b>	<b>\$3,468,082</b>	<b>\$3,168,094</b>	<b>\$299,988</b>	<b>9.47%</b>	<b>\$2,925,583</b>
EBIDA	\$88,305	\$30,370	\$57,935	190.77%	\$253,185	\$271,767	(\$18,582)	-6.84%	\$218,521
Depreciation	\$11,029	\$10,307	\$723	7.01%	\$125,835	\$122,767	\$3,067	2.50%	\$140,071
Interest	3,391	3,229	162	5.02%	38,938	39,641	(703)	-1.77%	41,298
Operating Income (Loss)	\$73,884	\$16,834	\$57,050	338.89%	\$88,413	\$109,358	(\$20,946)	-19.15%	\$37,152
Operating Margin	17.74%	5.72%			2.38%	3.18%			1.18%
<b>NonOperating Revenue (Expenses)</b>									
Gifts and Grants	\$2,346	\$871	\$1,475	169.40%	\$20,656	\$23,172	(\$2,517)	-10.86%	\$7,763
Noncash Pension and Other Post Employment Benefits	13,914	(14,206)	28,120	-197.94%	(147,887)	(169,679)	21,792	-12.84%	(147,190)
Investment Income	192	(92)	284	-308.82%	8,245	(1,103)	9,349	-847.25%	(10,153)
Loss on Disposal of Capital Assets	(13)	-	(13)	-5424.87%	17	1	16	1362.97%	(244)
Covid Funding	-	-	-	0.00%	-	-	-	0.00%	132,846
Other NonOperating Revenues (Expenses)	(1,785)	(117)	(1,668)	1422.32%	(3,303)	83	(3,386)	-4081.33%	(1,467)
Debt Issuance Costs	-	-	-	0.00%	(20)	-	(20)	2748238.42%	(1,727)
<b>Total NonOperating Revenues (Expenses)</b>	<b>\$14,653</b>	<b>(\$13,544)</b>	<b>\$28,197</b>	<b>-208.19%</b>	<b>(\$122,292)</b>	<b>(\$147,526)</b>	<b>\$25,234</b>	<b>-17.10%</b>	<b>(\$20,173)</b>
Income (Loss) before NonOperating Payments to MUSC Affiliates	\$88,538	\$3,290	\$85,248	2591.10%	(\$33,880)	(\$38,168)	\$4,288	-11.24%	\$16,979
Non Operating Payments to MUSC Affiliates	-	-	-	0.00%	-	-	-	0.00%	-
<b>Change in Net Position</b>	<b>\$88,538</b>	<b>\$3,290</b>	<b>\$85,248</b>	<b>2591.10%</b>	<b>(\$33,880)</b>	<b>(\$38,168)</b>	<b>\$4,288</b>	<b>-11.24%</b>	<b>\$16,979</b>
Total Margin	21.26%	1.12%			-0.91%	-1.11%			0.54%
Operating Cash Flow Margin	20.57%	9.45%			6.45%	7.39%			9.68%

Unaudited - For Management Use

# Medical University Hospital Authority – Consolidated

## Notes to the Interim Financial Statements

### Statement of Revenues, Expenses and Changes in Net Assets: YTD June 30, 2023 (Unaudited)

#### *Actuals Compared to Fixed Budget*

**Revenue Explanation:** June year-to-date net patient service revenues were favorable to budget by 1.5%, or \$42.6M. Inpatient surgeries were unfavorable to budget by 8.2%, and outpatient surgeries were favorable to budget by 0.4%. Transplant procedures were unfavorable to budget by 9.3%. Case Mix Index was unfavorable \$2.1M and Payor Mix shift was favorable \$24.4M. MUHA accrued \$31.2M in Medicaid Cost Settlements attributed to FY22.

Retail pharmacy revenues were favorable by \$135.9M due to continued growth and expansion into other markets.

Other Revenues were \$28.4M favorable to budget due to quality achievement payments.

State Appropriations were \$57.5M favorable to budget due to Pee Dee Mental Health funding and pending acquisition of additional hospital space.

**Expense Explanation:** Salaries and wages were unfavorable to budget by \$80.4M. Benefits were unfavorable to budget \$5.9M.

Purchased Services were unfavorable to budget \$55.6M due to dietary, maintenance and contractual services.

Physician Services were unfavorable to budget \$4.4M due to timing of expenses associated with College of Medicine.

Pharmaceuticals, not explained by volume, were unfavorable to budget by \$15.5M. Retail pharmacy revenues, net of expenses, were favorable to budget by \$62.5M.

Medical and Other Supplies, not explained by volume, were \$54.4M unfavorable to budget.

Utilities were unfavorable to budget by \$3.7M due to increase in electric rates and fuel costs.

Insurance was unfavorable to budget by \$0.1M.

Leases and Other were unfavorable to budget by \$19.4M due to increase in equipment and robot rentals.

## **Statements of Net Position**



# Medical University Hospital Authority - Consolidated

## Statements of Net Position (in thousands)

June 30, 2023 and June 30, 2022

Assets and Deferred Outflows	As of 06/30/2023 (unaudited)	As of 06/30/2022 (audited)
<b>Current Assets:</b>		
Cash and Cash Equivalents	\$ 198,552	\$ 387,599
Cash Restricted for Capital Projects and Major Programs	81,930	74,373
Cash Restricted for COVID-19 Stimulus Funding	686	8,913
Investments Unrestricted	314,581	264,492
Investments Restricted for Capital Projects and Major Programs	-	34,110
Patient Accounts Receivable, Net of Allowance for Uncollectible Accounts of approximately \$369,500,000 and \$350,600,000	452,522	395,820
Due from Related Parties	5,249	5,791
Due from Third-Party Payors	49,557	11,390
Other Current Assets	262,670	230,448
<b>Total Current Assets</b>	<b>\$ 1,365,747</b>	<b>\$ 1,412,936</b>
Investments Held by Trustees Mortgage Reserve Fund	\$ 77,066	\$ 70,449
Investments in Joint Ventures and Partnerships	33,880	33,880
Other Non-Current Assets	54,004	3,410
Capital Assets, Net	1,188,049	1,178,595
<b>Total Assets</b>	<b>\$ 2,718,746</b>	<b>\$ 2,699,270</b>
Deferred Outflows	\$ 893,242	\$ 857,807
<b>Total Assets and Deferred Outflows</b>	<b>\$ 3,611,988</b>	<b>\$ 3,557,077</b>
<b>Liabilities, Deferred Inflows and Net Position</b>		
<b>Current Liabilities:</b>		
Current Installments of Long-Term Debt	\$ 69,574	\$ 35,681
Current Installments of Capital Lease Obligations	35,098	27,959
Current Installments of Notes Payable	7,985	15,515
Short-Term Debt	-	80,000
Advance Medicare Funding	-	76,980
Due to Joint Ventures and Partnerships	1,295	1,258
Accounts Payable	220,246	203,582
Accrued Payroll, Withholdings and Benefits	166,364	144,079
Other Accrued Expenses	28,236	9,750
<b>Total Current Liabilities</b>	<b>\$ 528,798</b>	<b>\$ 594,804</b>
Long-Term Debt	\$ 675,028	\$ 744,363
Capital Lease Obligations	205,516	171,531
Notes Payable	13,757	62,576
Net Pension Liability	1,335,693	1,027,580
Net OPEB Liability	1,045,764	1,327,787
<b>Total Liabilities</b>	<b>\$ 3,804,556</b>	<b>\$ 3,928,641</b>
Deferred Inflows	\$ 440,028	\$ 225,160
<b>Total Liabilities and Deferred Inflows</b>	<b>\$ 4,244,584</b>	<b>\$ 4,153,801</b>
<b>Net Position:</b>		
Net Investment in Capital Assets	\$ 214,560	\$ 134,099
Restricted:		
Under Indenture Agreements	77,066	70,449
Expendable for:		
Capital Projects	57,172	25,760
Major Programs	42,663	32,723
COVID-19 Stimulus Funding	686	8,913
Unrestricted (deficit)	(1,024,743)	(868,668)
<b>Total Net Position</b>	<b>\$ (632,596)</b>	<b>\$ (596,724)</b>
<b>Total Liabilities, Deferred Inflows and Net Position</b>	<b>\$ 3,611,988</b>	<b>\$ 3,557,077</b>

Unaudited - For Management Use

## MEDICAL UNIVERSITY HOSPITAL AUTHORITY – Consolidated

Balance Sheet: As of 06/30/2023 (Unaudited) and 06/30/2022 (Audited) - (in thousands)

### Cash, Cash Equivalents and Investments

Unrestricted cash and cash equivalents decreased by \$189M from June 30, 2022. Significant FY2023 events decreasing cash include \$61.2M in capital expenditures, \$74.4M in debt payments, \$15.4M in interest payments and \$14.5M in investment purchases.

<b>The Authority's cash balance is as follows:</b>	6/30/2023 Balance	6/30/2022 Balance
Insured (FDIC & SIPC)	\$ 2,000	\$ 2,240
Uninsured, uncollateralized by securities held by the pledging institution or by its trust dept or agent in other than MUHA's name	323,822	482,392
<b>Total</b>	<b>\$ 325,822</b>	<b>\$ 484,632</b>
Carrying Amount (cash and cash equivalents)	\$ 198,552	\$ 387,599
Restricted (cash and cash equivalents)	82,616	83,286
<b>Total</b>	<b>\$ 281,168</b>	<b>\$ 470,885</b>

The Authority has unrestricted available cash of \$513.1M as detailed below

Cash and cash equivalents	\$ 198,552	\$ 387,599
Investments - unrestricted	314,581	264,492
<b>Total</b>	<b>\$ 513,133</b>	<b>\$ 652,091</b>

<b>Fixed Income Securities:</b>	6/30/2023 Balance	6/30/2022 Balance
Fannie Mae	\$ 14,980	\$ 34,148
Federal Home Loan Bank	144,943	128,233
Federal Farm Credit Bank	113,711	29,258
Dreyfus Treasury Securities	663	39,042
Federal Home Loan Mortgage Corporation	33,567	71,289
Intl Bk Recon & Development	9,801	9,644
Federal National Mortgage Association	52,209	43,523
FED Farm CRD Discount NT	18,716	2,051
<b>Total</b>	<b>\$ 388,590</b>	<b>\$ 357,188</b>

<b>Investment Income comprises the following:</b>	6/30/2023 Balance	6/30/2022 Balance
Dividend and interest income	\$ 10,568	\$ 3,335
Realized and unrealized loss on investments	(2,323)	(13,488)
<b>Total</b>	<b>\$ 8,245</b>	<b>\$ (10,153)</b>

Unaudited – For Management Use

## MEDICAL UNIVERSITY HOSPITAL AUTHORITY – Consolidated

Balance Sheet: As of 06/30/2023 (Unaudited) and 06/30/2022 (Audited) - (in thousands)

### Net Accounts Receivable

Compared to June year-to-date fiscal year 2022, net patient service revenue increased by \$361.5M, or 14.3%. Gross patient charges increased by \$2.0B, or 16.8%, for the comparison period due to increases in patient activity and comprehensive rate. Net revenue related to the Disproportionate Share Hospital (DSH) program administered by the State Department of Health and Human Services increased for the comparison period to \$86.7M from \$73.8M.

Payor class percentages changed between Blue Cross and Medicaid; all other payor class remained relatively stable as shown in the table below.

	6/30/2023 Balance	6/30/2022 Balance
Blue Cross	29%	27%
Medicare	34%	35%
Medicaid	16%	19%
Private insurance/managed care	15%	13%
Medically Indigent/self-pay/other	6%	6%
	100%	100%

### Other Current Assets

The composition of other current assets is as follows:

	6/30/2023 Balance	6/30/2022 Balance
Inventory	\$ 106,217	\$ 86,728
Other Prepayments	97,594	66,554
Non-Patient Accounts Receivable	50,766	69,503
Lease Receivable	7,642	7,642
Unapplied Cash - Grant Payments	430	-
Accrued Interest	22	22
Lease Prepaid Rent	-	(1)
	\$ 262,671	\$ 230,448

### Other Non-Current Assets

The composition of other non-current assets is as follows:

	6/30/2023 Balance	6/30/2022 Balance
Pension Investment (acquired 03/01)	\$ 47,741	\$ -
Maintenance Contracts	5,012	2,136
Dept of Veterans Affairs Prepaid Rent	1,251	1,274
	\$ 54,004	\$ 3,410

Unaudited – For Management Use

## MEDICAL UNIVERSITY HOSPITAL AUTHORITY – Consolidated

Balance Sheet: As of 06/30/2023 (Unaudited) and 06/30/2022 (Audited) - (in thousands)

Medicare and Medicaid owes MUHA \$49.6M, an increase of \$38.2M due to prior year Medicaid cost settlements.

	6/30/2023 Balance	6/30/2022 Balance
Medicare/Medicaid Cost Settlements	\$ 49,557	\$ 11,390

The total net payable to MSV, MHI, Mainsail, Edgewater and MHP is reflected as a component of due from joint ventures and partnerships, net on the Statement of Net Position.

	6/30/2023 Balance	6/30/2022 Balance
MUSC Health Partners (MHP)	\$ -	\$ 840
Edgewater Surgery Center	1,005	1,156
MUSC Health Initiatives (MHI)	207	207
Mainsail Health Partners	1,301	701
MUSC Strategic Ventures (MSV)	(3,808)	(4,162)
	<u>\$ (1,295)</u>	<u>\$ (1,258)</u>

### Deferred Outflows

	6/30/2023 Balance	6/30/2022 Balance
Pension	\$ 318,936	\$ 315,750
Other Post-Employment Benefits	540,214	528,928
Refunding bond amortization	34,092	13,129
	<u>\$ 893,242</u>	<u>\$ 857,807</u>

### Accounts Payable

Accounts Payable increased by \$16.7M from June 30, 2022.

	6/30/2023 Balance	6/30/2022 Balance
Accounts Payable	\$ 220,246	\$ 203,582

### Other Accrued Expenses

The composition of other accrued expenses is as follows:

	6/30/2023 Balance	6/30/2022 Balance
Accrued Interest	\$ 2,504	\$ 2,795
Amounts due to contractors	623	2,306
Advance from third party	8,000	-
Other	17,110	4,648
	<u>\$ 28,236</u>	<u>\$ 9,750</u>

Unaudited – For Management Use

## MEDICAL UNIVERSITY HOSPITAL AUTHORITY – Consolidated

Balance Sheet: As of 06/30/2023 (Unaudited) and 06/30/2022 (Audited) - (in thousands)

### Long Term Debt

As of June 30, 2023, Current Installments of Long-Term Debt relates to HUD debt for Ashley River Tower (ART), Shawn Jenkins Children’s Hospital (SJCH) and the Central Energy Plant (CEP). Current Installments of Notes Payable relate to the Sabin Street Energy Plant. A table of outstanding balances by major issuance is listed below:

Project (mo/yr issued)	6/30/2023 Balance	6/30/2022 Balance
SJCH (06/2019)	\$ 283,512	\$ 292,351
Capital Leases (various - see below)	240,614	246,154
ART (12/2012)	203,348	220,589
CHS Acquisition (03/2019)	114,565	118,285
Lifepoint Acquisition (07/2021)	77,399	79,510
Nexton and Consolidated Service Center (10/2018)	33,699	34,398
CEP (12/2013)	26,156	28,799
Imaging Equipment (01/2019)	15,041	17,887
Edgewater (03/2019)	5,925	6,117
Patient Monitors (07/2016)	3,378	6,617
1 Poston Road (10/2021)	3,323	5,749
Sabin Street (04/2013)	-	1,169
	\$ 1,006,958	\$ 1,057,625

Unaudited – For Management Use

## MEDICAL UNIVERSITY HOSPITAL AUTHORITY – Consolidated

Balance Sheet: As of 06/30/2023 (Unaudited) and 06/30/2022 (Audited) - (in thousands)

As of June 30, 2023, capital leases relate to various pieces of equipment and properties. A table of outstanding balances by equipment description is listed below:

Project (month/year issued)	6/30/2023 Balance	6/30/2022 Balance
Charleston Property Lease	\$ 100,784	\$ 100,785
Summey Medical Pavilion (04/2019)	40,931	39,372
Charleston Equipment Lease	28,480	28,480
Equipment Financing Lease - Charleston (12/2021)	15,560	18,247
Equipment Financing Lease - Midlands (12/2021)	14,004	16,422
Equipment Financing Lease - Regional Health (12/2021)	10,756	12,000
RHN & Midlands Property Lease	11,128	11,128
Medical Malls (02/2019)	9,151	9,424
RHN & Midlands Equipment Lease	8,985	8,985
Cardiovascular Equipment (03/2020)	686	960
Ultrasound (03/2019)	84	234
Computer software (09/2019)	65	118
	\$ 240,614	\$ 246,154

Annual debt service costs for FY2022 totaled \$156M. A table of debt service by major issuance is listed below, as well as by equipment description as it relates to capital leases:

Project (month/year issued)	Monthly Debt Service
Capital Leases (various - see below)	\$ 35,098
Nexton and CSC (10/2018)	33,699
ART (12/2012)	17,755
SJCH (06/2019)	9,163
CHS Acquisition (03/2019)	3,833
Patient Monitors (07/2016)	3,378
Imaging Equipment (01/2019)	2,898
CEP (12/2013)	2,747
Lifepoint Acquisition (07/2021)	2,180
1 Poston Road (10/2021)	1,709
Sabin Street (04/2013)	-
Edgewater (03/2019)	198
	\$ 112,657

Unaudited – For Management Use

## MEDICAL UNIVERSITY HOSPITAL AUTHORITY – Consolidated

Balance Sheet: As of 06/30/2023 (Unaudited) and 06/30/2022 (Audited) - (in thousands)

Project (month/year issued)	Monthly Debt Service
Charleston Property Lease (various)	\$ 11,169
Charleston Equipment Lease (various)	8,735
RHN & Midlands Property Lease (various)	3,774
RHN & Midlands Equipment Lease (various)	2,326
Equipment Financing Lease - Charleston (12/2021)	2,757
Equipment Financing Lease - Midlands (12/2021)	2,481
Equipment Financing Lease - Regional Health (12/2021)	1,906
Summey Medical Pavilion (04/2019)	1,241
Cardiovascular Equipment (03/2020)	220
Medical Malls (02/2019)	350
Ultrasound (03/2019)	84
Computer Software (09/2019)	55
	<u>\$ 35,098</u>

### Pension and Other Post Employment Benefit (OPEB) Liabilities

As of June 30, 2023, the net pension liability increased by \$308.1M from June 30, 2022.

As of June 30, 2023, the net other post-employment benefit liability decreased \$282.0M from June 30, 2022.

### Deferred Inflows

Deferred inflows increased \$214.9M from June 30, 2022. The following breakdown is below:

	6/30/2023 Balance	6/30/2022 Balance
Pension	\$ 4,447	\$ 151,138
Other Post-Employment Benefits	428,068	66,508
Property Leases	7,513	7,513
	<u>\$ 440,028</u>	<u>\$ 225,160</u>

Unaudited – For Management Use

# **Statements of Cash Flows**



# MEDICAL UNIVERSITY HOSPITAL AUTHORITY - Consolidated

## Statements of Cash Flows - (in thousands)

June 30, 2023 and June 30, 2022

	<b>As of 06/30/2023</b>	<b>As of 6/30/2022</b>
	<b>(unaudited)</b>	<b>(audited)</b>
Cash flows from operating activities:		
Receipts received from patients and third-party payors	\$ 3,249,923	\$ 2,813,096
Other cash receipts	95,884	101,186
Payments to suppliers and employees	(3,370,991)	(2,869,139)
State appropriations	57,132	30,967
Net cash provided (used) by operating activities	<u>\$ 31,949</u>	<u>\$ 76,109</u>
Cash flows from noncapital financing activities:		
Proceeds from CARES Funding	\$ 45,720	\$ 87,938
Proceeds from noncapital grants and gifts	3,673	2,631
Proceeds from revenue anticipation notes	-	80,000
Payments of revenue anticipation notes	(80,000)	-
Nonoperating expenditures	(3,303)	(4,467)
Net cash provided (used) by noncapital financing activities	<u>\$ (33,910)</u>	<u>\$ 166,102</u>
Cash flows from capital and related financing activities:		
Capital expenditures	\$ (118,126)	\$ (93,775)
Capital grants and gifts received	14,862	4,561
Proceeds from disposal of capital assets	55	2
Payments of principal on long-term debt	(45,153)	(123,786)
Proceeds from financing debt	31	143,146
Payments of bond issuance cost	(20)	(1,680)
Payments of mortgage insurance premium	557	(975)
Payments on lease obligations	(7,944)	(37,015)
Proceeds on equipment replacement obligations	1,042	901
Interest payments	(33,755)	(38,900)
Net cash provided (used) by capital and related financing activities	<u>\$ (173,451)</u>	<u>\$ (147,521)</u>
Cash flows from investing activities:		
Proceeds from sale and maturity of investments	\$ 179,000	\$ 242,922
Investment income received	9,881	3,286
Distributions from joint ventures and partnerships	-	1,498
Purchases of investments	(213,410)	(309,880)
Contributions to joint ventures and partnerships	-	(26,733)
Net cash provided (used) by investing activities	<u>\$ (24,529)</u>	<u>\$ (88,907)</u>
Net increase (decrease) in cash and cash equivalents	(199,942)	5,782
Cash and cash equivalents at beginning of year	<u>484,799</u>	<u>479,017</u>
Cash and cash equivalents at end of year	<u>\$ 284,857</u>	<u>\$ 484,799</u>

Unaudited - For Management Use

**FACILITIES  
HOSPITAL AUTHORITY - LANCASTER  
LEASE RENEWAL  
FOR APPROVAL**

**AUGUST 11, 2023**

DESCRIPTION OF LEASE RENEWAL: This lease renewal is for 8,249 square feet of clinical space located at Plantation Pointe, 1025 W. Meeting Street, Suites 101 and 103, Lancaster. The purpose of this lease renewal is to continue to provide space for MUSC Health Outpatient Therapy, Orthopaedics and Physical Therapy. The rent per square foot is \$23.30 and includes water, property taxes and property insurance. The total monthly rental payment will be \$16,016.81, resulting in an annual lease amount of \$192,201.70. Rent shall increase 2% annually.

As a renewal incentive the landlord has provided \$40,000.00 in tenant improvement (TI) allowance. In addition, there is a tenant option to add an additional TI of \$35,000.00 amortized over the lease term. The estimated monthly payment for additional TI would be \$584.00.

NEW LEASE AGREEMENT \_\_\_\_\_  
RENEWAL LEASE AGREEMENT  X

LANDLORD: Plantation Pointe, LLC

LANDLORD CONTACT: Kevin Shealy, M.D.

TENANT NAME AND CONTACT: Outpatient Therapy – Orthopaedics & Physical Therapy

SOURCE OF FUNDS: General Hospital Funds

LEASE TERMS:

TERM: Five (5) years: [11/1/2023 – 10/31/2028]  
TOTAL AMOUNT PER SQUARE FOOT: \$23.30  
TOTAL ANNUALIZED LEASE AMOUNT:  
Year 1 \$192,201.70  
Year 2 \$196,045.73  
Year 3 \$199,966.65  
Year 4 \$203,965.98  
Year 5 \$208,045.30

TOTAL AMOUNT OF RENT TERM: \$1,000,225.37

EXTENDED TERM(S): Two (2) term, five (5) years, rate to be negotiated

OPERATING COSTS:

MODIFIED  X   
NET \_\_\_\_\_

**FACILITIES  
HOSPITAL AUTHORITY - ORANGEBURG  
LEASE RENEWAL  
FOR APPROVAL**

**AUGUST 11, 2023**

DESCRIPTION OF LEASE RENEWAL: This lease renewal is for 3,136 square feet of clinical space located at 1097 Cook Road, Orangeburg. The purpose of this lease renewal is to continue to provide space for MUSC Health Internal Medicine. The rent per square foot is \$17.50 and includes property taxes and property insurance. The total monthly rental payment will be \$4,573.33, resulting in an annual lease amount of \$54,880.00. Rent shall increase 2% annually. This renewal rate results in a total term savings of approximately \$4,550.00.

NEW LEASE AGREEMENT \_\_\_\_\_  
RENEWAL LEASE AGREEMENT  X

LANDLORD: Lamar W. Dawkins, Jr.

LANDLORD CONTACT: Lamar W. Dawkins, Jr.

TENANT NAME AND CONTACT: MUSC Health Internal Medicine, David Zaas, M.D.

SOURCE OF FUNDS: General Hospital Funds

LEASE TERMS:

TERM: Five (5) years: [10/1/2023 – 9/30/2028]  
TOTAL AMOUNT PER SQUARE FOOT: \$17.50  
TOTAL ANNUALIZED LEASE AMOUNT:  
Year 1 \$54,880.00  
Year 2 \$55,977.60  
Year 3 \$57,097.15  
Year 4 \$58,239.10  
Year 5 \$59,403.88

TOTAL AMOUNT OF RENT TERM: \$285,597.72

EXTENDED TERM(S): One (1) term, five (5) years, rate to be negotiated

OPERATING COSTS:

MODIFIED  X   
NET \_\_\_\_\_

**FACILITIES  
ACADEMIC  
LEASE RENEWAL  
FOR APPROVAL**

**AUGUST 11, 2023**

DESCRIPTION OF LEASE RENEWAL: This lease renewal is for 167 parking spaces located at 165 Cannon Street, Charleston. The purpose of this lease renewal is to continue to provide parking spaces for MUSC Parking Management to support staff and student parking needs. The rent per space/per month is \$99.80. The total monthly rental payment will be \$16,666.60, resulting in an annual lease amount of \$199,999.20.

NEW LEASE AGREEMENT \_\_\_\_\_  
RENEWAL LEASE AGREEMENT  X

LANDLORD: 165 Cannon Street Associates, LLC

LANDLORD CONTACT: MUSC Foundation, Stuart Ames

TENANT NAME AND CONTACT: MUSC Parking Management, Jay Henderson

SOURCE OF FUNDS: MUSC Parking Management

LEASE TERMS:

TERM: Two (2) years: [6/1/2024 – 5/31/2026]  
TOTAL AMOUNT PER SPACE PER MONTH: \$99.80  
TOTAL ANNUALIZED LEASE AMOUNT: \$199,999.20

TOTAL AMOUNT OF RENT TERM: \$399,998.40

EXTENDED TERM(S): To be negotiated

OPERATING COSTS:

FULL SERVICE \_\_\_\_\_  
NET  X

**MEDICAL UNIVERSITY OF SOUTH CAROLINA (MUSC) BOARD OF TRUSTEES**  
**REGULAR AGENDA**  
August 11, 2023  
101 Colcock Hall

**Members of the Board of Trustees**

Dr. James Lemon, Chairman	Dr. Richard M. Christian, Jr.
Mr. Charles Schulze, Vice-Chairman	Dr. Paul T. Davis
Ms. Terri R. Barnes	Dr. Donald R. Johnson II
The Honorable James A. Battle, Jr.	Ms. Barbara Johnson-Williams
Mr. William H. Bingham, Sr.	Dr. G. Murrell Smith, Sr.
Dr. W. Melvin Brown III	Mr. Michael E. Stavrinakis
Dr. Henry F. Butehorn III	Thomas L. Stephenson, Esq.
Dr. C. Guy Castles III	Dr. Bartlett J. Witherspoon, Jr.

**Trustees Emeriti**

Mr. Allan E. Stalvey      Dr. Charles B. Thomas, Jr.      Dr. James E. Wiseman, Jr.

- Item 1. Call to Order ..... Dr. James Lemon  
*Chairman*
- Item 2. Roll Call.....Katherine Haltiwanger  
*Board Secretary*
- Item 3. Date of Next Meeting - October 13, 2023 .....Katherine Haltiwanger  
*Board Secretary*
- Item 4. Approval of Meeting Minutes ..... Dr. James Lemon  
*Chairman*

**Recommendations and Informational Report of the President: Dr. David Cole**

- Item 5. General Informational Report of the President.....Dr. David Cole  
*President*
- Item 6. Other Business.....Dr. David Cole  
*President*

**Research and Institutional Advancement Committee: Terri Barnes, Chair**

- Item 7. MUSC Foundation Update ..... Stuart Ames  
*CEO, MUSC Foundation*
- Item 8. Institutional Advancement Update.....Kate Azizi  
*Vice President for Institutional Advancement*

- Item 8.1 Institute and Name for Approval .....Kate Azizi  
*Vice President for Institutional Advancement*
- Item 9. Office of Research Update .....Dr. Lori McMahon  
*Vice President for Research*
- Item 10. Other Committee Business ..... Terri Barnes  
*Committee Chair*

**Education, Faculty & Student Affairs Committee: Barbara Johnson-Williams, Chair**

- Item 11. Provost Report .....Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*
- Item 12. Other Committee Business .....Barbara Johnson-Williams  
*Committee Chair*

**Finance and Administration Committee: Jim Battle, Chair**

- Item 13. MUSC Financial Report.....Patrick Wamsley  
*Chief Financial Officer, MUSC*
- Item 14. MUSC and AHEC FY2024 Budgets for Approval .....Patrick Wamsley  
*Chief Financial Officer, MUSC*
- Item 15. MUSC Physicians Financial Report .....Fred Borelli  
*Chief Financial Officer, MUSC Physicians*
- Item 16. MUSC Physicians FY2024 Operating Budget for Information .....Fred Borelli  
*Chief Financial Officer, MUSC Physicians*
- Item 17. MUSC Physicians FY2024 Budget for Capital Asset Purchases  
In Excess of \$50,000 for Approval.....Fred Borelli  
*Chief Financial Officer, MUSC Physicians*
- Item 18. Other Committee Business ..... Jim Battle  
*Committee Chair*

**Other Business for the Board of Trustees**

- Item 19. Approval of Consent Agenda .....Dr. James Lemon  
*Chairman*
- Item 20. FY2023 Performance Evaluation of the President.....Dr. James Lemon  
*Chairman*

*As required by the State Agency Head Salary Commission, the FY2023 Agency Head performance evaluation for Dr. David Cole will be submitted to the agency by September 15, 2023. The results of the performance evaluation will be discussed in closed session.*

Item 21. Senior Leader Compensation Analysis ..... Dr. James Lemon  
Chairman

*Approval is requested to authorize senior leader compensation recommendations.*

Item 22. Executive Session ..... Dr. James Lemon  
Chairman

*Upon proper motion and vote, the Board may convene a closed session pursuant to SC Code Ann. §30-4-70. Although the Board will not vote on any items discussed in closed session, the Board may return to public session to vote on items discussed.*

Item 23. New Business for the Board of Trustees ..... Dr. James Lemon  
Chairman

Item 24. Report from the Chairman..... Dr. James Lemon  
Chairman

# MUSC Board of Trustees Institutional Advancement Update

August 2023





**All Team Goals Reached  
in FY23!**

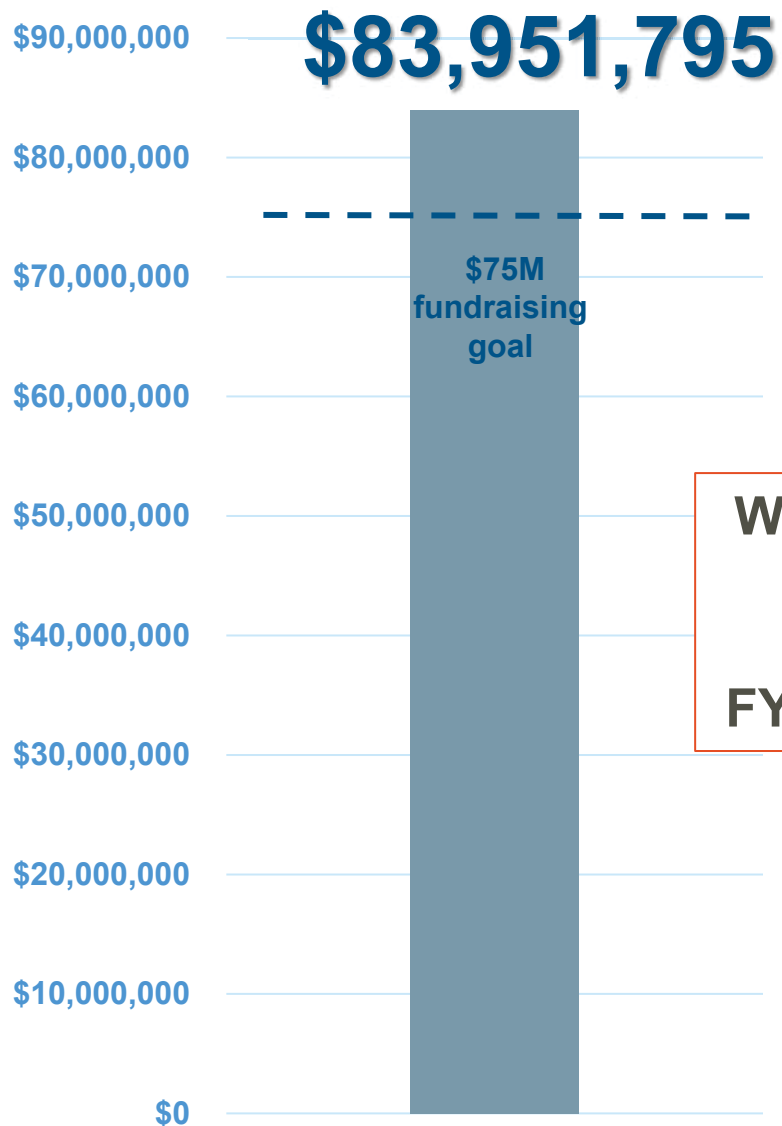
# FY23 Progress as of June 30, 2023

## Dollars Raised

Goal:  
**\$75,000,000**

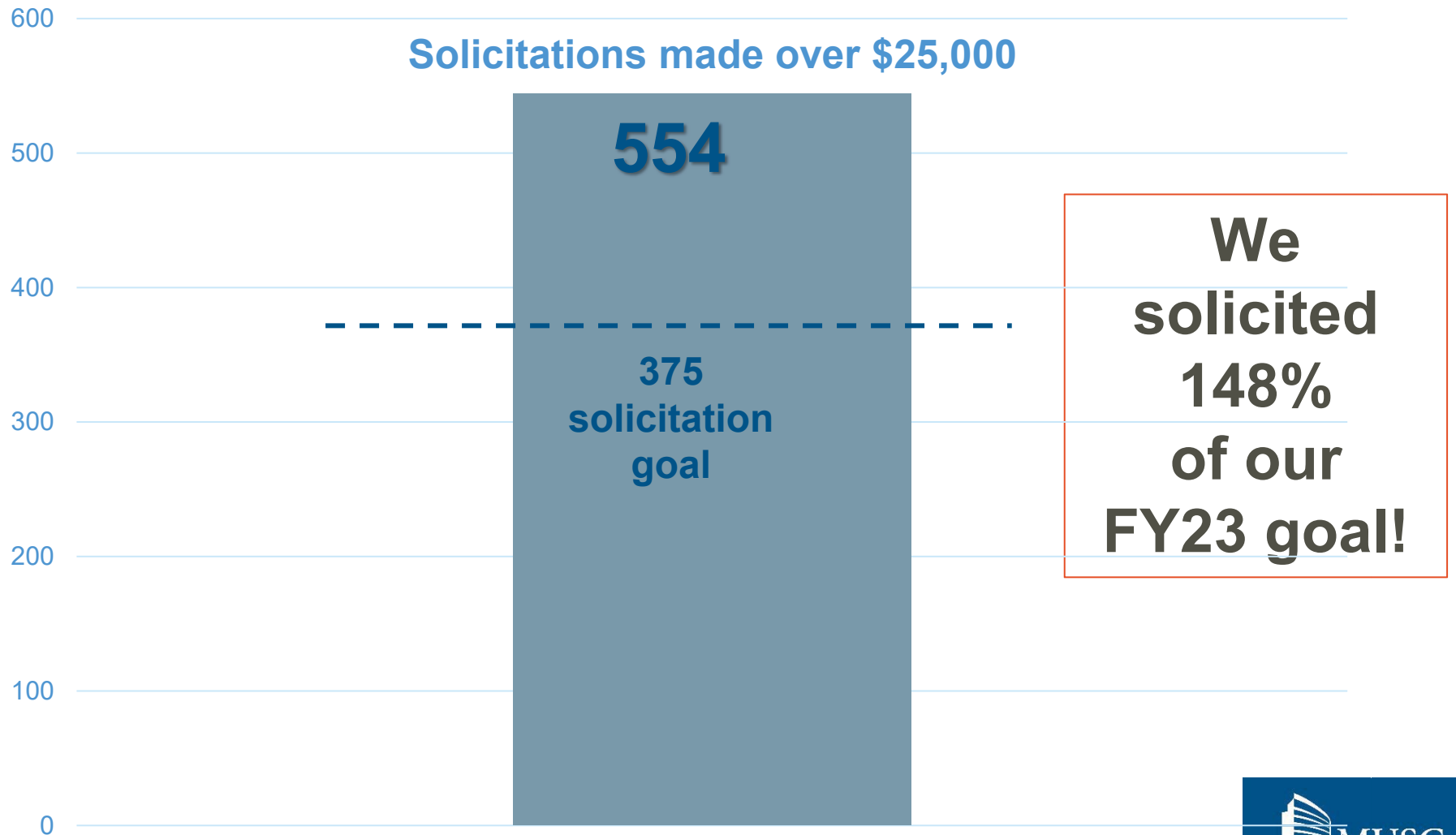
Achieved to Date:  
**\$83,951,795**

Progress to Goal:  
**112%**



**We raised  
112%  
of our  
FY23 goal!**

## FY23 Progress as of June 30, 2023



# FY23 Progress as of June 30, 2023

## Cash In

Cash into MUSCF  
Goal: \$43,700,000

Achieved as of  
6/30/23: \$47,919,709

Progress to Goal:  
110%

\$60,000,000

\$50,000,000

\$40,000,000

\$30,000,000

\$20,000,000

\$10,000,000

\$0

**\$47,919,709**

We  
raised 110%  
of our  
FY23 cash  
in goal!

**THE MEDICAL UNIVERSITY OF SOUTH CAROLINA**  
**Monthly Financial Reports**  
**Table of Contents**  
**For the Twelve (12) Month Period Ended June 30, 2023**

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University Budgeted Funds Comparison to Budget	2
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Summary of Current Debt Obligations and Analysis of Available Bonded Debt Capacity	5
Statement of Revenues, Expenses and Changes in Net Position For Affiliated Organizations	6

**The Medical University of South Carolina and Affiliated Organizations**  
**Statement of Net Position**  
**As of June 30, 2023**

	<u>University</u>	<u>Area Health Education Consortium</u>	<u>CHS Development Company</u>
<b>Assets &amp; Deferred Outflows</b>			
Cash and Cash Equivalents	\$ 431,435,300	\$ 5,712,506	\$ -
Cash and Cash Equivalents - Restricted	38,674,622	-	720,944
State Appropriation Receivable	-	-	-
Student Tuition and Fees Receivable	431,383	-	-
Student Loan Receivable	11,419,169	-	-
Grants and Contracts Receivable	85,900,454	216,238	-
Capital Improvement Bond Proceeds Receivable	-	-	-
Lease Receivable	14,290,867	-	3,589,241
Other Receivables	645,273	-	-
Investments	-	-	314,908
Prepaid Items	9,213,366	-	134,831
Capital Assets, net of Accumulated Depreciation	454,464,909	-	-
Due from Hospital Authority	15,834,117	-	-
Due from Other Funds	124,639,321	-	-
Bond Issue Costs	-	-	-
Derivative Instruments Fair Value / Deferred Outflows	-	-	-
Deferred loss on Debt Refinancing	6,635	-	29,652
Deferred Outflows-Pensions	75,503,832	-	-
Deferred Outflows-OPEB	151,181,895	-	-
Other Assets	-	-	-
<b>Total Assets &amp; Deferred Outflows</b>	<b>\$ 1,413,641,143</b>	<b>\$ 5,928,744</b>	<b>\$ 4,789,576</b>
<b>Liabilities &amp; Deferred Inflows</b>			
Accounts Payable	\$ 10,455,548	\$ 474,322	\$ -
Accrued Payroll and Other Payroll Liabilities	35,481,522	-	-
Accrued Compensated Absences	31,431,216	181,586	-
Deferred Revenue	32,850,415	115,155	-
Retainages Payable	167,108	-	-
Long-Term Debt	88,647,124	-	3,685,000
Lease Liability	93,958,461	-	-
Interest Payable	630,246	-	13,819
Deposits Held for Others	1,156,307	-	-
Due to Hospital Authority	-	-	-
Due to Other Funds	(86,114)	-	-
Federal Loan Program Liability	11,370,303	-	-
Derivative Instruments Fair Value / Deferred Inflows	-	-	-
Net Pension Liability	534,053,477	-	-
Net OPEB Liability	481,340,571	-	-
Deferred Inflows-Leases	14,971,268	-	-
Deferred Inflows-Pensions	4,951,779	-	-
Deferred Inflows-OPEB	212,577,572	-	-
Other Liabilities	22,194,798	-	-
<b>Total Liabilities &amp; Deferred Inflows</b>	<b>\$ 1,576,151,601</b>	<b>\$ 771,063</b>	<b>\$ 3,698,819</b>
<b>Net Position</b>	<b>(162,510,458)</b>	<b>5,157,681</b>	<b>1,090,757</b>
<b>Total Liabilities &amp; Deferred Inflows and Net Position</b>	<b>\$ 1,413,641,143</b>	<b>\$ 5,928,744</b>	<b>\$ 4,789,576</b>

The Medical University of South Carolina  
 Budgeted Funds Comparison to Budget (Expenses Classified by Category)  
 For the period ending June 30, 2023

	Budget	Prorated Budget (Note)	Actual	Variance	
<b>Revenues</b>					
Federal Grants & Contracts	\$ 143,729,464	\$ 143,729,464	\$ 173,912,446	\$ 30,182,982	F
Federal Grants Indirect Cost Recoveries	41,203,063	41,203,063	44,803,892	3,600,829	F
State Grants & Contracts	8,921,887	8,921,887	14,166,536	5,244,649	F
Private Grants & Contracts	36,319,143	36,319,143	44,803,830	8,484,687	F
Private Grants Indirect Cost Recoveries	6,546,261	6,546,261	7,824,119	1,277,858	F
<b>Total Grants &amp; Contracts</b>	<b>236,719,818</b>	<b>236,719,818</b>	<b>285,510,823</b>	<b>48,791,005</b>	<b>F</b>
State Appropriations	123,183,540	123,183,540	124,548,831	1,365,291	F
Tuition and Fees	115,504,693	115,504,693	112,836,372	(2,668,321)	U
Pass-Through Revenues	116,347,979	116,347,979	110,743,313	(5,604,666)	U
Gifts	26,406,705	26,406,705	25,794,855	(611,850)	U
Transfers from (to) MUSC Physicians	102,291,145	102,291,145	99,504,708	(2,786,437)	U
Sales and Services of Educational Departments	17,136,923	17,136,923	18,864,901	1,727,978	F
Sales and Services of Auxiliary Enterprises	14,285,172	14,285,172	14,719,765	434,593	F
Interest and Investment Income	3,041	3,041	(4,300)	(7,341)	U
Endowment Income	4,545,442	4,545,442	938,990	(3,606,452)	U
Miscellaneous	15,778,117	15,778,117	18,501,453	2,723,336	F
Miscellaneous - Residents	8,000,000	8,000,000	8,000,000	-	F
Authority Revenue	97,308,141	97,308,141	96,926,348	(381,793)	U
Authority Revenue - Residents	74,583,968	74,583,968	74,583,968	-	F
Intra-Institutional Sales	41,582,808	41,582,808	38,918,751	(2,664,057)	U
<b>Total Other</b>	<b>756,957,674</b>	<b>756,957,674</b>	<b>744,877,955</b>	<b>(12,079,719)</b>	<b>U</b>
<b>Total Revenues</b>	<b>993,677,492</b>	<b>993,677,492</b>	<b>1,030,388,778</b>	<b>36,711,286</b>	<b>F</b>
<b>Expenditures</b>					
Salaries	\$ 366,599,538	\$ 366,599,538	\$ 357,094,466	\$ 9,505,072	F
Miscellaneous Personnel Expenditures	5,197,950	5,197,950	-	5,197,950	F
Fringe Benefits	142,367,731	142,367,731	145,961,992	(3,594,261)	U
<b>Total Personnel</b>	<b>\$ 514,165,219</b>	<b>\$ 514,165,219</b>	<b>\$ 503,056,458</b>	<b>\$ 11,108,761</b>	<b>F</b>
Contractual Services	\$ 180,625,308	\$ 180,625,308	\$ 183,075,352	\$ (2,450,044)	U
Pass-through Expenditures	116,347,979	116,347,979	110,743,313	5,604,666	F
Supplies	61,717,312	61,717,312	64,460,433	(2,743,121)	U
Fixed Charges	55,792,105	55,792,105	58,292,271	(2,500,166)	U
Equipment	9,760,068	9,760,068	9,690,254	69,814	F
Travel	3,981,829	3,981,829	4,863,688	(881,859)	U
Trainee / Scholarships	24,559,596	24,559,596	26,264,098	(1,704,502)	U
Other Expenses	6,105,086	6,105,086	4,912,569	1,192,517	F
Debt Service	9,680,387	9,680,387	15,372,167	(5,691,780)	U
<b>Total Other</b>	<b>\$ 468,569,670</b>	<b>\$ 468,569,670</b>	<b>\$ 477,674,145</b>	<b>\$ (9,104,475)</b>	<b>U</b>
<b>Total Expenditures</b>	<b>\$ 982,734,889</b>	<b>\$ 982,734,889</b>	<b>\$ 980,730,603</b>	<b>\$ 2,004,286</b>	<b>F</b>
<b>Other Additions (Deductions)</b>					
Transfers from(to) Plant Funds	(42,293,869)	(42,293,869)	(44,056,176)	(1,762,307)	U
Other Transfers	33,413	33,413	(145,180)	(178,593)	U
Prior Year Fund Balance Usage	38,162,857	38,162,857	36,034,657	(2,128,200)	U
<b>Total Other Additions (Deductions)</b>	<b>\$ (4,097,599)</b>	<b>\$ (4,097,599)</b>	<b>\$ (8,166,699)</b>	<b>\$ (4,069,100)</b>	<b>U</b>
<b>NET INCREASE (DECREASE) in Fund Balance</b>	<b>\$ 6,845,004</b>	<b>\$ 6,845,004</b>	<b>\$ 41,491,476</b>	<b>\$ 34,646,472</b>	<b>F</b>
<b>Non-Budgeted Items</b>					
Net Unfunded Pension Expense			2,322,711		
Net Unfunded OPEB Expense			(8,778,374)		
Depreciation			(35,469,888)		
Endowment Gains/Losses			1,406,086		
Gain (Loss) on Disposition of Property			(303,917)		
Other Non-Budgeted Items			38,824,646		
<b>SRECNP Bottom Line</b>			<b>39,492,740</b>		

**THE MEDICAL UNIVERSITY OF SOUTH CAROLINA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
June 30, 2023

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	\$ 73,549,497
Projects in progress	3,622,699
Land/Bldgs/Equipment/Accumulated depreciation	<u>377,292,713</u>
Capital Assets, Net of Accumulated Depreciation	<u>\$ 454,464,909</u>

Note 5. *Construction in Progress*

The itemized construction-in-progress will be updated in future months.

Note 6. *Deferred Revenue*

The University's deferred revenue consists of the following:

State appropriations	\$ -
Grants and contracts	16,231,022
Student tuition and fees	14,021,822
Other	<u>2,597,571</u>
Total Deferred Revenue	<u>\$ 32,850,415</u>



**THE MEDICAL UNIVERSITY OF SOUTH CAROLINA**  
**NOTES TO THE FINANCIAL STATEMENTS**  
June 30, 2023

Note 7. *Long Term Liabilities and Leases*

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

Lease Liability	\$ 93,958,460
Higher Ed Refunded Revenue bond payable	16,255,000
State Institution bonds payable	38,945,000
Energy Performance Note Payable	26,928,025
Premium on State Institution bonds payable	5,835,114
Premium on Refunding Revenue Bonds	<u>683,986</u>
Total Long Term Liabilities and Leases	<u>\$ 182,605,585</u>

Note 8. *Summary of Net Position*

The University implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* in fiscal year 2015 and GASB Statement No. 75, *Accounting and Financial Reporting for Post Employment Benefits Other Than Pensions (OPEB)* in fiscal year 2018. These statements require participating employers to report their proportionate share of the plans' net pension liability and OPEB liabilities, pension and OPEB expense and deferred outflows and inflows. In fiscal year 2022, excluding the GASB 68 and GASB 75 impact, the University's unrestricted net position increased \$39.6 million for a total of \$200.2 million. In fiscal year 2021, excluding the GASB 68 and GASB 75 impact, the University's net position increased \$2.3 million for a total of \$160.6 million. In fiscal year 2020, excluding the GASB 68 and GASB 75 impact, the University's unrestricted net position decreased \$7.1 million for a total of \$158.3 million. In fiscal year 2019, excluding the GASB 68 and GASB 75 impact, the University's unrestricted net position increased \$28.2 million for a total of \$165.4 million.

	Per annual CAFR			
	<u>FY2022</u>	<u>FY2021</u>	<u>FY2020</u>	<u>FY2019</u>
Net investment in capital assets	\$ 264,898,753	\$ 256,273,784	\$ 273,745,547	\$ 290,960,785
Restricted				
Nonexpendable	94,737,549	93,450,804	92,884,333	91,997,286
Expendable	204,093,027	172,064,021	119,736,905	113,211,622
Unrestricted (exclusive of GASB 68 and 75 liabilities)	200,247,718	160,633,515	158,323,021	165,423,830
Unrestricted (including GASB 68 and 75 liabilities)	<u>(961,299,272)</u>	<u>(908,652,076)</u>	<u>(868,396,874)</u>	<u>(841,631,771)</u>
Total net position	<u>\$ (197,322,225)</u>	<u>\$ (226,229,952)</u>	<u>\$ (223,707,068)</u>	<u>\$ (180,038,248)</u>

Medical University of South Carolina  
Summary of Current Debt Obligations

(\$\$ in thousands)

	Original Issue	Purpose	Outstanding & Authorized as of 30-Jun-2023
<b>State Institution Bonds (SIB)</b>			
SIB 2012B refunding	12,645	Refunding SIB 2001C, 2003D, & 2003J	835
SIB 2016D	30,095	Refunding SIB 2005A & convert BAN	17,165
SIB 2021D	<u>23,415</u>	Refunding SIB 2011D & to fund construction of capital projects	<u>20,945</u>
	<u>\$ 66,155</u>		
<b>Current SIB Debt Authorized and Issued</b>			<u>\$ 38,945</u>
<b>Notes Payable - JEDA</b>	<u>\$ 32,985</u>	Construction of College Health Health Profession facilities	<u>\$ 3,685</u>
<b>Refunding Revenue Bonds, Series 2017</b>			
2017	<u>\$ 25,115</u>	Refunding of Higher Ed Revenue Bonds	<u>\$ 16,255</u>
<b>Energy Performance Note Payable</b>			
EPNP 02-27-19	<u>\$ 30,000</u>	Energy Savings	<u>\$ 26,928</u>

**MUSC Affiliated Organizations**  
**Statement of Revenues, Expenses and Changes in Net Position**  
**For the Twelve (12) Month Period Ending June 30, 2023**

	<b>Area Health Education Consortium</b>	<b>CHS Development Company</b>
<b>Operating Revenues</b>		
Student Tuition and Fees	\$ -	\$ -
Federal Grants and Contracts	1,123,346	-
State Grants and Contracts	1,055,599	-
Local Government Grants and Contracts	-	-
Nongovernmental Grants and Contracts	62,500	-
Sales and Services to Hospital Authority	-	-
Sales and Services of Educational and Other Activities	-	-
Sales and Services of Auxiliary Enterprises	-	-
Interest Income	-	243,981
Other Operating Revenues	134,803	-
<b>Total Operating Revenues</b>	<b>2,376,248</b>	<b>243,981</b>
<b>Operating Expenses</b>		
Compensation and Employee Benefits	3,235,416	-
Pension Benefits		
OPEB Expense		
Services and Supplies	11,094,198	-
Utilities	-	-
Scholarships and Fellowships	16,200	-
Refunds to Grantors	-	-
Interest Expense	-	125,198
Depreciation and Amortization	-	156,350
<b>Total Operating Expenses</b>	<b>14,345,814</b>	<b>281,548</b>
<b>Operating Income (Loss)</b>	<b>(11,969,566)</b>	<b>(37,567)</b>
<b>Nonoperating Revenues (Expenses)</b>		
State Appropriations	12,445,955	-
State Appropriations - MUHA	-	-
Gifts and Grants Received	-	-
Investment Income	-	-
Interest Expense	-	-
Gain (Loss) on Disposal of Capital Assets	-	-
Transfers From (To) Other State Agencies	-	-
Other Nonoperating Revenues (Expenses), net	-	-
<b>Net Nonoperating Revenues (Expenses)</b>	<b>12,445,955</b>	<b>-</b>
<b>Income (Loss) Before Other Revenues, Expenses, Gains, Losses and Transfers</b>	<b>476,389</b>	<b>(37,567)</b>
Capital Appropriations	-	-
Capital Grants and Gifts	-	-
Additions to Permanent Endowments	-	-
Transfers From (To) MUSC Physicians (UMA)	-	-
Transfers From (To) AHEC	319	-
Transfers From (To) CHS Development	-	13,734
Transfers From (To) Facilities Corporation	-	-
<b>Increase (Decrease) In Net Position</b>	<b>\$ 476,708</b>	<b>\$ (23,833)</b>

# **MUSC Physicians and Carolina Family Care**

## **Interim Financial Statements For the twelve month period ending June 30, 2023**

<b>Consolidated Actual to Budget Variance</b>	<b>1</b>
<b>MUSCP Executive Summary</b>	<b>2</b>
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Unaudited – For Management Use

**MUSC Physicians and Carolina Family Care, Inc.**  
(A Component Unit of MUSC)  
Statement of Revenues, Expenses and Changes in Net Position  
For the 12 Month Period Ending - June 30, 2023

**UNAUDITED**

	MUSC Physicians				Carolina Family Care, Inc.		Total		
	College of Medicine	Corporate	Ambulatory Care	Other	Carolina Family Care Primary Care	Other	Total	Total	Total
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Fixed Budget	Variance
<b>Operating revenues:</b>									
Net clinical service revenue	460,926,387	-	-	4,578,649	26,212,826	2,295,798	494,013,659	482,108,486	11,905,173
Supplemental medicaid	48,506,751	-	-	-	3,200,000	-	51,706,751	49,924,857	1,781,894
Other operating revenue	4,587,199	5,150,082	2,024	9,987,703	4,887,792	1,601,019	26,215,819	18,688,285	7,527,533
Intercompany transfers	(145,667,086)	42,756,758	99,364,221	3,546,107	-	-	-	-	-
Purchased services	116,034,055	(7,769,445)	(5,287,570)	10,726,604	691,319	5,991,787	120,386,750	121,474,563	(1,087,813)
Grant salary reimb. from MUSC	15,979,414	-	-	204,177	-	-	16,183,591	16,539,165	(355,574)
Total operating revenues	500,366,720	40,137,395	94,078,674	29,043,240	34,991,937	9,888,604	708,506,570	688,735,356	19,771,213
<b>Operating expenses:</b>									
Salaries, wages and benefits	379,051,051	30,059,765	32,443,631	14,283,080	23,043,190	6,591,083	485,471,800	483,843,146	(1,628,654)
MUSCP reimb. for education and research	100,808,935	-	-	491,197	-	-	101,300,132	102,039,648	739,516
Supplies	1,520,267	505,981	47,914,175	504,734	3,028,681	86,036	53,559,875	48,937,315	(4,622,560)
Contractual services	3,581,172	10,105,567	2,322,794	5,833,908	1,260,701	1,653,126	24,757,267	23,153,288	(1,603,979)
Facility cost and equipment	60,022	1,574,511	9,682,983	562,651	2,389,366	282,090	14,551,624	14,194,614	(357,010)
Professional liability insurance	8,445,723	16,813	1,410	12,964	336,320	18,913	8,832,143	8,977,060	144,917
Depreciation	-	724,566	3,511,184	1,456,799	302,828	-	5,995,377	7,080,726	1,085,349
Meals and travel	2,531,624	126,897	35,029	613,247	13,213	37,855	3,357,866	3,923,568	565,702
Other expenses	252,129	874,373	67,506	252,271	(43,361)	61,632	1,464,550	2,073,431	608,881
Faculty and staff recruitment	562,412	292,808	30,069	486,326	18,488	266,616	1,656,719	1,288,556	(368,163)
Donations - transfer to MUSCF	-	-	-	725,000	-	-	725,000	-	(725,000)
MUSCP corporate shared services	-	-	-	-	2,510,842	23,144	2,533,986	2,609,416	75,430
Total operating expenses	496,813,335	44,281,282	96,008,780	25,222,177	32,860,268	9,020,495	704,206,337	698,120,767	(6,085,570)
Operating income (loss)	3,553,385	(4,143,886)	(1,930,106)	3,821,063	2,131,668	868,109	4,300,233	(9,385,411)	13,685,643
Operating margin	0.7%	(10.3%)	(2.1%)	13.2%	6.1%	8.8%	0.6%	(1.4%)	
<b>Nonoperating revenue (expenses):</b>									
Investment income	1,761,323	5,556,464	-	15,153,019	325	162	22,471,293	6,251,124	16,220,169
Interest expense	-	(332,353)	-	(2,928,610)	-	(94,972)	(3,355,936)	(2,827,779)	(528,157)
Rental income	13,541	192,498	514,736	6,652,960	61,799	449	7,435,984	7,468,371	(32,387)
Rent expense	-	-	-	(1,482,033)	-	-	(1,482,033)	(1,482,033)	-
Gain (loss) on disposal of assets	-	(1,540)	-	-	-	-	(1,540)	-	(1,540)
Total Nonoperating revenue (expenses)	1,774,863	5,415,069	514,736	17,395,336	62,124	(94,360)	25,067,769	9,409,683	15,658,086
Change in net position	<u>\$ 5,328,248</u>	<u>\$ 1,271,183</u>	<u>\$ (1,415,370)</u>	<u>\$ 21,216,399</u>	<u>\$ 2,193,792</u>	<u>\$ 773,748</u>	<u>\$ 29,368,001</u>	<u>\$ 24,272</u>	<u>\$ 29,343,729</u>
Net margin	1.1%	3.2%	(1.5%)	73.1%	6.3%	7.8%	4.1%	0.0%	

**Notes:**

-MUSC Physicians Other includes other Colleges (Nursing CoHP, Dental), Presidents Fund, Rental Properties and Investment Account  
-Carolina Family Care, Inc. Other includes Grace Internal Medicine, Institutional Advancement, and MHA Participant Distribution

## Medical University of South Carolina Physicians

### Executive Summary

For the twelve-month period ending June 30, 2023 - **unaudited**

#### Charges:

- **YTD: 3% over budget and 10% over last year**
- Month of June: 0% vs budget and 13% over last year

#### Payments:

- **YTD: 0% vs budget and 5% over last year**
- Month of June: 0% vs budget and 2% over last year
- 35.6 days in AR as of June 2023 and 35.0 days in AR as of June 2022
- \$85 per wRVU as of June 2023 and \$78 wRVU as of June 2022

#### Income/(Loss):

- **\$1.3M Operating Income; 0.2% Operating Margin**
  - \$10.8M favorable variance to fixed budget
    - \$12.2M favorable net clinical service revenue
      - \$7.3M favorable Epic revenue; \$4.9M favorable other patient revenue
    - \$1.8M favorable supplemental Medicaid
      - \$0.2M Q4 FY2022; \$1.6M FY2023
    - \$5.8M other operating revenue
      - \$2.9M ACO aAPM bonus and Upstream PMPM and \$2.5M Provost fund transfer from MUSC
    - (\$3.1M) unfavorable salaries, wages and benefits
      - (\$6.4M) College of Medicine overbudget, \$1.8M Corporate underbudget, \$0.6M Ambulatory underbudget
    - (\$4.4M) unfavorable supplies
      - Vaccines/injectables overbudget due to expanded growth (Infusion charges over budget YTD 15% above budget)
    - (\$1.9M) unfavorable contractual services
      - (\$895K) bank charges overbudget, (\$294K) contract waiver fees, (\$290K) legal overbudget, (\$121K) bond issuance fees
- **\$26.4M Net Income; 4.0% Net Margin**
  - \$26.5M favorable variance to fixed budget
    - \$16.2M favorable investments
      - \$13.9M unrealized gain on investments
      - \$1.9M swap income

#### Balance Sheet:

- Days cash on hand: 220 days
- Net Position: \$450.9M; increased by \$26.4M compared to June 2022

**MUSC Physicians**  
(A Component Unit of MUSC)  
Statement of Revenues, Expenses and Changes in Net Position  
For the 12 Month Period Ending - June 30, 2023

**UNAUDITED**

	Fiscal Year To Date				Prior Year To Date
	Actual	Fixed Budget	Variance	Var %	Actual
<b>Operating revenues:</b>					
Net clinical service revenue	\$ 465,505,036	\$ 453,333,842	\$ 12,171,194	3%	\$ 437,249,821
Supplemental medicaid	48,506,751	46,724,857	1,781,894	4%	53,044,376
Other operating revenue	19,727,008	13,878,010	5,848,998	42%	22,766,577
Purchased services	113,703,644	114,668,439	(964,795)	(1%)	108,531,251
Grant salary reimb. from MUSC	16,183,591	16,539,165	(355,574)	(2%)	15,972,389
Total operating revenues	663,626,029	645,144,313	18,481,717	3%	637,564,414
<b>Operating expenses:</b>					
Salaries, wages and benefits	455,837,527	452,749,360	(3,088,167)	(1%)	438,522,020
MUSCP reimb. for education and research	101,300,132	102,039,648	739,516	1%	100,207,632
Supplies	50,445,158	46,088,181	(4,356,977)	(9%)	43,766,075
Contractual services	21,843,440	19,909,947	(1,933,493)	(10%)	16,688,876
Facility cost and equipment	11,880,168	11,525,410	(354,758)	(3%)	9,296,695
Professional liability insurance	8,476,909	8,497,682	20,773	0%	7,866,704
Depreciation	5,692,549	6,745,292	1,052,743	16%	8,091,137
Meals and travel	3,306,798	3,893,652	586,854	15%	2,942,429
Other expenses	1,446,278	1,946,483	500,205	26%	5,128,365
Faculty and staff recruitment	1,371,615	1,272,260	(99,355)	(8%)	1,491,391
Donations - transfer to MUSCF	725,000	-	(725,000)	(100%)	2,955,100
Total operating expenses	662,325,573	654,667,913	(7,657,660)	(1%)	636,956,424
Operating income (loss)	1,300,456	(9,523,600)	10,824,056	114%	607,990
Operating margin	0.2%	(1.5%)			0.1%
<b>Nonoperating revenue (expenses):</b>					
Provider Relief Funds	-	-	-	0%	1,886,704
Investment income	22,470,806	6,251,124	16,219,682	259%	(12,600,700)
Interest expense	(3,260,963)	(2,824,992)	(435,972)	(15%)	(3,331,564)
Rental income	7,373,735	7,435,464	(61,729)	(1%)	7,421,183
Rent expense	(1,482,033)	(1,482,033)	-	0%	(1,482,033)
Gain (loss) on disposal of assets	(1,540)	-	(1,540)	(100%)	834,334
Total nonoperating revenue (expenses)	25,100,005	9,379,563	15,720,442	168%	(7,272,076)
Change in net position	\$ 26,400,461	\$ (144,037)	\$ 26,544,498	18429%	\$ (6,664,086)
Net margin	4.0%	(0.0%)			(1.0%)

**Notes:**

Operating revenue:

- Net clinical service revenue: \$7.3M favorable Epic revenue; \$4.9M favorable other patient revenue
- Supplemental Medicaid: \$170K Q4 FY2022; \$1.6M FY2023 overbudget
- Other operating revenue: \$2.5M Provost fund transfer from MUSC and \$2.9M ACO aAPM bonus and Upstream PMPM
- Purchased services: (\$2.4M) Revenue Cycle and (\$1.7M) ERP; \$2.4M College of Medicine overbudget

Operating expense:

- Salary, wages and benefits: (\$6.4M) College of Medicine overbudget, \$1.8M Corporate underbudget, and \$0.6M Ambulatory underbudget
- Supplies: Vaccines/Injectables overbudget due to expanded growth; Infusion charges 15% overbudget
- Contractual services: (\$895K) bank charges overbudget, (\$294K) contract waiver fees, (\$290K) legal overbudget, and (\$121K) bond issuance fees

Nonoperating revenue:

- Investment income: \$13.9M unrealized gain on investment and \$1.9M swap income

## MUSC Physicians

(A Component Unit of the Medical University of South Carolina)

### Statement of Net Position

#### ASSETS

#### UNAUDITED

	June 30, 2023	June 30, 2022	Variance
<b>Current Assets:</b>			
Cash and investments	\$ 313,632,331	\$ 336,177,799	\$ (22,545,468)
Receivables:			
Patient services - net of allowances for contractual adjustments and bad debt of \$26,418,239	55,414,419	49,788,996	5,625,423
Due from the Medical University of South Carolina	48,236,158	26,362,895	21,873,263
Due from the Medical University Hospital Authority	4,866,485	6,042,402	(1,175,917)
Due from the Medical University Foundation	731,490	747,471	(15,982)
Due from Carolina Family Care, Inc.	2,088,806	6,922,849	(4,834,042)
Note receivable from CFC/MHP	757,065	756,003	1,062
Investment / Advancements consolidated CFC	32,270,000	32,270,000	-
Due from Comprehensive Psychiatric Services	1,062	(2,659)	3,721
Due from MCP	12,720	478,651	(465,932)
Due from MUSC Health Alliance	10,524	416,422	(405,898)
Due from MSV	5,833	-	5,833
Lease receivable	2,946,249	2,946,249	-
Other current assets	1,909,621	5,477,686	(3,568,066)
<b>Total Current Assets</b>	<b>462,882,763</b>	<b>468,384,765</b>	<b>(5,502,003)</b>
<b>Noncurrent assets:</b>			
Capital assets:			
Land	17,034,537	17,034,537	-
Buildings	52,079,291	51,903,396	175,895
Furniture and equipment	31,849,839	31,172,656	677,183
Leasehold improvements	69,511,619	64,305,580	5,206,039
Rental buildings under capital lease	13,989,600	13,989,600	-
Computer software	14,207,950	14,207,950	-
Right of use assets	23,388,178	21,443,860	1,944,318
Accumulated depreciation and amortization	(109,939,964)	(99,497,004)	(10,442,960)
Lease receivable	3,556,159	5,866,028	(2,309,869)
Other assets	390,000	1,240,000	(850,000)
Investment in partnerships	5,440,269	6,595,269	(1,155,000)
Fair value of derivative instruments	1,259,931	(660,108)	1,920,039
<b>Total noncurrent assets</b>	<b>122,767,408</b>	<b>127,601,763</b>	<b>(4,834,355)</b>
<b>Total Assets</b>	<b>585,650,171</b>	<b>595,986,528</b>	<b>(10,336,358)</b>
<b>Deferred outflows of resources:</b>			
Deferred refunding cost	5,169,336	6,476,238	(1,306,902)
Deferred outflows-OPEB	780,785	780,785	-
<b>Total deferred outflows</b>	<b>5,950,121</b>	<b>7,257,023</b>	<b>(1,306,902)</b>
<b>Total Assets and Deferred Outflows</b>	<b>\$ 591,600,292</b>	<b>\$ 603,243,551</b>	<b>\$ (11,643,259)</b>

#### Notes:

##### Current assets:

-Cash and Investments: FY22 YE incentive payments (\$38.2M); FY23 Y incentive (salary + fringe) payments (\$37.3M);

\$13.7M Realized/Unrealized Investment gains; FY22 Q3 through FY23 Q2 STP cash received of \$39.5M

-Due from MUSC variance: \$36.2M FY23 Supplemental Medicaid accrual; (\$20.7M) Q3-Q4 FY22 Supplemental Medicaid payments received in FY23; Unpaid grant salary reimbursement \$3.8M

-ST Other current assets: variance is due to \$4.5M HCA settlement and (\$0.5M) hospital bill accrual

##### Noncurrent assets:

-Leasehold Improvements: includes ongoing projects: ERP (FY23 balance increase of \$1.1M), Nexton (FY23 balance increase of \$1.1M), and West Campus (FY23 balance increase of \$2.2M)

-LT Other Assets - (Noncurrent): \$850K decrease in collateral deposit for Swap



## MUSC Physicians

(A Component Unit of the Medical University of South Carolina)

### Statement of Net Position

#### LIABILITIES

#### UNAUDITED

	June 30, 2023	June 30, 2022	Variance
<b>Current Liabilities:</b>			
Accounts payable	\$ 4,710,275	\$ 7,239,840	\$ 2,529,564
Accrued interest payable	140,999	142,165	1,166
Accrued payroll	23,244,222	42,569,084	19,324,862
Accrued payroll withholdings	50,480	10,291,887	10,241,407
Accrued pension contribution	2,489,818	1,886,233	(603,585)
Unapplied cash - patient services	16,299,551	6,777,393	(9,522,158)
Other accrued liabilities	5,089,822	5,297,863	208,041
Due to Medical University of South Carolina	2,178,237	409,401	(1,768,836)
Due to Medical University Hospital Authority	6,534,864	16,453,454	9,918,590
Accrued compensated absences	3,361,533	3,182,431	(179,102)
Lease liability	2,610,546	2,610,546	-
Bonds payable	4,160,000	4,160,000	-
<b>Total current liabilities</b>	<b>70,870,347</b>	<b>101,020,296</b>	<b>30,149,949</b>
<b>Noncurrent Liabilities:</b>			
Accrued compensated absences	2,763,815	2,763,815	-
Lease liability	11,703,912	12,576,285	872,373
Bonds payable	47,855,000	51,980,000	4,125,000
Deferred inflows-leases	6,377,917	8,747,699	2,369,782
Deferred inflows-OPEB	643,300	643,300	-
Net OPEB liability	493,143	1,019,759	526,616
<b>Total noncurrent liabilities</b>	<b>69,837,087</b>	<b>77,730,858</b>	<b>7,893,771</b>
<b>Total liabilities</b>	<b>140,707,434</b>	<b>178,751,154</b>	<b>38,043,720</b>
<b>NET POSITION</b>			
Invested in capital assets, net of related debt	79,754,058	79,754,058	-
Unrestricted (deficit)	371,138,800	344,738,339	(26,400,461)
<b>Total Net Position</b>	<b>450,892,858</b>	<b>424,492,397</b>	<b>(26,400,461)</b>
<b>Total Liabilities, Inflows &amp; Net Position</b>	<b>\$ 591,600,292</b>	<b>\$ 603,243,551</b>	<b>\$ 11,643,259</b>

#### Notes:

##### Current liabilities:

-Accounts payable: Corporate credit card payable decrease of \$1.7M

-Accrued payroll: FY23 balance includes Y incentive (salary + fringe) accruals of (\$18M); reversal of \$38.2M FY22 year-end accruals

-Rutledge Tower JEDA Bond Balance is approximately \$48.8M

**Carolina Family Care, Inc.**  
**Including Carolina Primary Care Physicians & MUSC Health Partners**  
Executive Summary  
For the twelve-month period ending June 30, 2023 - **unaudited**

**Charges-CFC:**

- **YTD: 6% over budget and 16% over last year**
- Month of June: 9% over budget and 18% over last year

**Payment-CFC:**

- **YTD: (1%) under budget and 9% over last year**
- Month of June: 6% over budget and 7% over last year
- 23.5 Days in AR as of June 2023 and 25.0 Days in AR as of June 2022
- \$106 per wRVU as of June 2023 and \$86 per wRVU as of June 2022

**Income/(Loss):**

- **\$3.0M Operating Income; 6.7% Operating Margin**
  - \$2.9M favorable variance to fixed budget
    - (\$0.3M) unfavorable net clinical service revenue
      - (\$58K) CFC Primary Care underbudget, (\$447K) Grace Internal Medicine underbudget, and Centerspace \$187K overbudget
    - \$1.7M favorable other operating revenue
      - \$925K ACO aAPM bonus overbudget, \$646K MHA Upstream overbudget
    - \$1.5M favorable salaries
      - \$1.1M CFC Primary Care vacancies
    - \$0.3M favorable contractual services
      - \$252K Grace Internal Medicine underbudget
- **\$3.0M Net Income; 6.6% Net Margin**
  - \$2.8M favorable variance to fixed budget

**Balance Sheet:**

- Current ratio: 0.8
- Net Position: \$261K; increased by \$3.0M compared to June 2022

**Carolina Family Care, Inc.**  
(Including Carolina Primary Care Physicians and MUSC Health Partners)  
Statement of Revenues, Expenses and Changes in Net Position  
For the 12 Month Period Ending - June 30, 2023

**UNAUDITED**

	Fiscal Year To Date				Prior Year To Date
	Actual	Fixed Budget	Variance	Var %	Actual
<b>Operating revenues:</b>					
Net clinical service revenue	\$ 28,508,624	\$ 28,774,644	\$ (266,021)	(1%)	\$ 25,514,791
Supplemental medicaid	3,200,000	3,200,000	-	0%	3,200,000
Other operating revenue	6,488,811	4,810,275	1,678,535	35%	5,783,839
Purchased services	6,683,106	6,806,124	(123,018)	(2%)	4,907,310
Total operating revenues	44,880,541	43,591,044	1,289,497	3%	39,405,939
<b>Operating expenses:</b>					
Salaries, wages and benefits	29,634,273	31,093,786	1,459,513	5%	26,385,291
Supplies	3,114,717	2,849,134	(265,583)	(9%)	2,781,467
Contractual services	2,913,827	3,243,341	329,514	10%	2,849,516
Depreciation	302,828	335,434	32,606	10%	1,766,876
Facility cost and equipment	2,671,456	2,669,204	(2,252)	(0%)	997,721
Professional liability insurance	355,234	479,378	124,144	26%	502,198
Meals and travel	51,068	29,916	(21,152)	(71%)	36,015
Faculty and staff recruitment	285,104	16,296	(268,808)	(1650%)	16,249
MUSCP corporate shared services	2,533,986	2,609,416	75,430	3%	2,250,097
Other expenses	18,272	126,948	108,676	86%	606,462
Total operating expenses	41,880,764	43,452,854	1,572,090	4%	38,191,893
Operating income (loss)	2,999,777	138,190	2,861,587	2071%	1,214,046
Operating margin	6.7%	0.3%			3.1%
<b>Nonoperating revenue (expenses):</b>					
Provider Relief Funds	-	-	-	0%	167,297
Investment income	487	-	487	100%	1,158
Interest expense	(94,972)	(2,787)	(92,185)	(3307%)	(83,850)
Rental income	62,249	32,907	29,342	89%	53,605
Gain (loss) on disposal of assets	-	-	-	0%	(114,463)
Total nonoperating revenue (expenses)	(32,236)	30,120	62,356	207%	23,747
Change in net position	\$ 2,967,541	\$ 168,310	\$ 2,799,231	1663%	\$ 1,237,794
Net margin	6.6%	0.4%			3.1%

**Notes:**

Operating revenue:

-Net clinical service revenue: (\$447K) Grace Internal Medicine underbudget and Centerspace \$187K overbudget

-Other operating revenue: \$925K ACO aAPM bonus overbudget and \$646K MHA Upstream overbudget

Operating expense:

-Salaries and benefits: \$1.1M CFC Primary Care vacancies

-Contractual services: \$252K Grace Internal Medicine underbudget, \$43K CFC Lab underbudget and \$41K PM&R Mt. Pleasant Community underbudget

**Carolina Family Care, Inc.**

Including Carolina Primary Care Physicians and MUSC Health Partners

**Statement of Net Position**

ASSETS	UNAUDITED		
	June 30, 2023	June 30, 2022	Variance
<b>Current Assets:</b>			
Cash and cash equivalents	\$ 3,807,194	\$ 4,144,560	\$ (337,366)
Receivables:			
Patient services - net of allowances for contractual adjustments and bad debt of \$509,237	2,300,725	2,744,362	(443,637)
Due from the Medical University of South Carolina	21,179	-	21,179
Due from the Medical University Hospital Authority	759,277	491,124	268,153
Due from MCP	199,799	593,319	(393,520)
Due from MUSC Health Alliance	261,802	524,839	(263,038)
Due from MSV	326,260	512,573	(186,313)
Lease receivable	20,127	20,127	-
Other current assets	244,098	333,534	(89,435)
<b>Total Current Assets</b>	<b>7,940,461</b>	<b>9,364,439</b>	<b>(1,423,977)</b>
<b>Noncurrent assets:</b>			
Capital assets:			
Furniture and equipment	1,608,959	1,608,959	-
Leasehold improvements	2,704,479	2,584,733	119,746
Computer software	46,563	46,563	-
Right of use assets	9,342,528	7,660,637	1,681,890
Accumulated depreciation and amortization	(5,618,060)	(3,825,545)	(1,792,516)
Lease receivable	45,598	65,725	(20,127)
Investment in partnerships	209,000	209,000	-
<b>Total noncurrent assets</b>	<b>8,339,066</b>	<b>8,350,072</b>	<b>(11,007)</b>
<b>Total Assets</b>	<b>\$ 16,279,527</b>	<b>\$ 17,714,511</b>	<b>\$ (1,434,984)</b>

**Carolina Family Care, Inc.**

Including Carolina Primary Care Physicians and MUSC Health Partners

**Statement of Net Position****LIABILITIES****UNAUDITED**

	June 30, 2023	June 30, 2022	Variance
<b>Current Liabilities:</b>			
Accounts payable	\$ 83,834	\$ 1,292,139	\$ 1,208,304
Accrued interest payable	5,320	4,538	(782)
Accrued payroll	1,252,699	830,227	(422,472)
Accrued payroll withholdings	296,377	957,998	661,621
Unapplied cash - patient services	2,232,728	407,201	(1,825,527)
Other accrued liabilities	1,026,530	448,795	(577,736)
Due to Medical University of South Carolina	32,899	30,397	(2,503)
Due to Medical University Hospital Authority	341,928	309,135	(32,793)
Due to MUHA - RHN / RHN Settlement	-	823,625	823,625
Due to UMA	2,088,806	6,922,849	4,834,042
Note Payable to UMA	756,003	756,003	-
Note Payable to MSV	432,790	408,169	(24,621)
Accrued compensated absences	455,271	460,956	5,685
Lease liability	1,285,664	1,285,664	-
<b>Total current liabilities</b>	<b>10,290,850</b>	<b>14,937,694</b>	<b>4,646,843</b>
<b>Noncurrent Liabilities:</b>			
Accrued compensated absences	384,152	384,152	-
Lease liability	5,279,633	5,014,563	(265,070)
Deferred inflows-leases	63,983	84,734	20,751
<b>Total noncurrent liabilities</b>	<b>5,727,768</b>	<b>5,483,449</b>	<b>(244,319)</b>
<b>Total liabilities</b>	<b>16,018,618</b>	<b>20,421,143</b>	<b>4,402,524</b>
<b>NET POSITION</b>	<b>260,909</b>	<b>(2,706,632)</b>	<b>(2,967,541)</b>
<b>Total Liabilities, Inflows &amp; Net Position</b>	<b>\$ 16,279,527</b>	<b>\$ 17,714,511</b>	<b>\$ 1,434,984</b>

**Notes:**Current liabilities:

-Accounts payable: change in balance is due to the reversal of FY22 AP accruals of \$341K; Corporate credit card payable decrease of \$1M

-Accrued payroll: (\$606K) caused by variance in biweekly accrual at FY22 YE vs. June 2023; reversal of \$164K FY22 year-end bonus accruals

-Other accrued liabilities: change in balance includes FY23 deferred revenue runoff RHN collections

**Carolina Family Care, Inc.**  
(Including Carolina Primary Care Physicians and MUSC Health Partners)  
Statement of Revenues, Expenses and Changes in Net Position  
For the 12 Month Period Ending - June 30, 2023

**UNAUDITED**

	<b>Grace Internal Medicine</b>	<b>Other Entities</b>	<b>Carolina Family Care</b>	<b>CFC Total</b>
	(1)	(2)	(3)	Sum of (1)-(3)
<b>Operating revenues:</b>				
Net clinical service revenue	1,276,065	1,019,733	26,212,826	28,508,624
Supplemental medicaid	-	-	3,200,000	3,200,000
Other operating revenue	-	1,601,019	4,887,792	6,488,811
Purchased services	-	5,991,787	691,319	6,683,106
Total operating revenues	1,276,065	8,612,539	34,991,937	44,880,541
<b>Operating expenses:</b>				
Salaries, wages and benefits	-	6,591,083	23,043,190	29,634,273
Supplies	56	85,980	3,028,681	3,114,717
Contractual services	1,164,415	488,711	1,260,701	2,913,827
Depreciation	-	-	302,828	302,828
Facility cost and equipment	109,255	172,835	2,389,366	2,671,456
Professional liability insurance	-	18,913	336,320	355,234
Meals and travel	-	37,855	13,213	51,068
Faculty and staff recruitment	-	266,616	18,488	285,104
MUSCP corporate shared services	23,144	-	2,510,842	2,533,986
Other expenses	-	61,632	(43,361)	18,272
Total operating expenses	1,296,870	7,723,626	32,860,268	41,880,764
Operating income (loss)	(20,805)	888,913	2,131,668	2,999,777
Operating margin	(1.6%)	10.3%	6.1%	6.7%
<b>Nonoperating revenue (expenses):</b>				
Investment income	-	162	325	487
Interest expense	-	(94,972)	-	(94,972)
Rental income	-	449	61,799	62,249
Total nonoperating revenue (expenses)	-	(94,360)	62,124	(32,236)
Change in net position	\$ (20,805)	\$ 794,553	\$ 2,193,792	\$ 2,967,541
Net margin	(1.6%)	9.2%	6.3%	6.6%

**Notes:**

(1) Funding from MSV Line of credit in the amount of \$0.4M has been received in FY21 and FY22; accumulated fund balance of (\$490K)

(2) Other non-Primary Care entities:

- \$1.6M ACO aAPM bonus and Upstream
- (\$281K) Mt Pleasant Community PM&R operating loss
- (\$179K) Corporate Executive costs operating loss
- (\$129K) Group Health deficit to be transferred to UMA
- (\$79K) GASB 87 Leases Impact
- (\$63K) Continuing Care Retirement Community
- Other column also includes the following entities which are fully funded: Tidelands Multispecialty, Hampton Regional, Modern Minds, Centerspace, MCP Leadership, MHA Staffing and MUHA Midlands

**FY2023 MUSCP Consolidated Approved Unbudgeted Expenses  
As of 6/30/23**

<b>Unbudgeted Capital Projects</b>	<b>Amount</b>
Concierge Medicine	\$ 800,000
Nexton Ophthalmology	568,250
Park West Family Medicine Relocation	999,888
East Cooper Otolaryngology Expansion	500,000
Radiology SPEC/CT & Upfit	1,338,552
Daniel Island Pediatrics	150,041
<b>Total</b>	<b>\$ 4,356,731</b>

<b>Unbudgeted Operating Expenses</b>	<b>Amount</b>
Concierge Medicine	\$ 100,000
Northwoods Pediatrics Expansion	186,000
Daniel Island Pediatrics	107,364
<b>Total</b>	<b>\$ 393,364</b>

<b>Total FY23 Approved Unbudgeted Expenses</b>	<b>\$ 4,750,095</b>
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**MEDICAL UNIVERSITY HOSPITAL AUTHORITY (MUHA) BOARD OF TRUSTEES**  
**CONSENT AGENDA**  
August 11, 2023  
101 Colcock Hall

**Authority Operations, Quality, & Finance Committee: Dr. Murrell Smith, Chair**

**Consent Agenda for Approval**

- Item 28. MUSC Health Charleston Division  
Appointments, Reappointments, and Delineation of Privileges ..... Dr. Carrie Herzke  
*Chief Medical Officer, MUHA*
- Item 29. MUSC Health Regional Health Network (RHN)  
Appointments, Reappointments, and Delineation of Privileges .....Dr. Michael Foster  
*President, RHN Unified Medical Staff*
- Item 30. MUSC Health Charleston QAPI Plan for Approval .....Dr. David Bundy  
*Chief Quality Officer, MUSC Health Charleston*

**Consent Agenda for Information**

- Item 31. MUSC Health Charleston Division MEC Minutes..... Dr. Carrie Herzke  
*Chief Medical Officer, MUHA*
- Item 32. MUSC Health RHN MEC Minutes.....Dr. Michael Foster  
*President, RHN Unified Medical Staff*
- Item 33. Contracts and Agreements ..... Annette Drachman  
*General Counsel*

**MUHA and MUSC Physical Facilities Committee: Mr. Bill Bingham, Chair**

**Consent Agenda for Information**

- Item 34. MUSC FY2024 Active Projects >\$250,000 ..... David Attard  
*Chief Facilities Officer, MUSC*
- Item 35. MUSC Facilities Contracts Awarded ..... David Attard  
*Chief Facilities Officer, MUSC*



**Board of Trustees Credentialing Subcommittee May 2023**

The Medical Executive Committee reviewed the following applicants on May 17, 2023  
and recommends approval by the Board of Trustees Credentialing Subcommittee effective May 28, 2023

<b>Medical Staff Initial Appointment and Clinical Privileges</b>		
Christopher K Cheng, M.D.	Active Provisional	Neurology
James Patrick Davidson, M.D.	Active	Radiology
Harmeet Singh Gill, M.D.	Active – Remote	Medicine
Pia Anishka Shivdasani, M.D.	Active	Family Medicine
Garth R Swanson, M.D.	Active Provisional	Medicine
David Albert Valentine, M.D.	Active Provisional	Neurology
<b>Medical Staff Reappointment and Change in Clinical Privileges</b>		
Andrew Rutledge Alkis, M.D.	Active	Psychiatry
Michael Ugo Antonucci, M.D.	Active	Radiology
Ribal Al Aridi, M.D.	Provisional Affiliate- Colleague- Other	Medicine
Dhiraj Baruah, M.D.	Active	Radiology
Kathryn Harter Bridges, M.D.	Active	Anesthesiology
Jessica Lynn Broadway, M.D.	Active	Psychiatry
Eugene Yin-Min Chang, M.D.	Active	Obstetrics & Gynecology
Robert Anthony Cina, M.D.	Active	Surgery
Christine Anne Cooper, M.D.	Active	Neurology
Scott Robert Curry, M.D.	Active	Medicine
Luke Emmanuel Edmondson, M.D.	Active	Pediatrics
Puja Sukhwani Elias, M.D.	Active	Medicine
Geoffrey Allen Forbus, M.D.	Active	Pediatrics
David Arnold Griesemer, M.D.	Active	Pediatrics
Avinash Gupta, M.D.	Provisional Affiliate- Colleague- Other	Anesthesiology
Andrew Dean Hardie, M.D.	Active	Radiology
Jennifer Lynn Harper, M.D.	Active	Radiation Oncology
Marc Edward Heincelman, M.D.	Active	Medicine
Timothy Lee Heinke, M.D.	Active	Anesthesiology
Joseph Michael Lally Jr., M.D.	Affiliate	Ophthalmology
David Michael Mills, M.D.	Active	Pediatrics
Oluwadamilola Daniel Odutola, M.D.	Provisional Affiliate- Colleague- Other	Medicine
Patrick Joseph O'Neill, M.D.	Affiliate	Surgery
Chitharanjan Pullattrana, M.D.	Active	Surgery
Rochelle Lynn Ringer, M.D.	Active	Surgery
Julie Roach Ross, M.D.	Active	Pediatrics
Nathan Christopher Rowland, M.D.	Active	Neurosurgery
Jean Marie Ruddy, M.D.	Active	Surgery
Maria Aurora Posadas Salas, M.D.	Active	Medicine
Stephen J. Savage, M.D.	Active	Urology
Andrew John Savage IV, M.D.	Active	Pediatrics
Joseph Scalea, M.D.	Active Provisional	Surgery
Mark Alexander Scheurer, M.D.	Active	Pediatrics
Danielle Bowen Scheurer, M.D.	Active	Medicine
Christopher Anthony Skorke, M.D.	Active	Anesthesiology
Nicoleta Dorinela Sora, M.D.	Active	Medicine
Alejandro Marin Spiotta, M.D.	Active	Neurosurgery
Seth Thomas Stalcup, M.D.	Active	Radiology
Charlton B. Strange, M.D.	Active	Medicine

Carolyn Lee Taylor, M.D.	Active	Pediatrics
William Alexander Vandergrift III, M.D.	Active	Neurosurgery
Kristen Latrice Hood Watson, M.D.	Active	Family Medicine
Sylvia Helen Wilson, M.D.	Active	Anesthesiology
Ricardo Tadayoshi Barbosa Yamada, M.D.	Active	Radiology
Luca Paoletti, M.D.	Active	Medicine
<b>Medical Staff Change in Privileges</b>		
John Emanuel Aruny, M.D.	Provisional Affiliate- Colleague- Other	Radiology
Ricardo Tadayoshi Barbosa Yamada, M.D.	Active	Radiology
Kevin Webster Dickey, M.D.	Active	Radiology
Uchechukwu Maduabuchukwu Egbujo, M.D.	Affiliate- Colleague- Other	Medicine
Avinash Gupta, M.D.	Provisional Affiliate- Colleague- Other	Anesthesiology
Marcelo Silveira Guimaraes, M.D.,	Active	Radiology
Varshana Gurusamy, M.D.,	Active	Radiology
Honnie Patricia Spencer, M.D.,	Provisional Affiliate- Colleague- Other	Medicine
Andre Uflacker, M.D.,	Active	Radiology
<b>Professional Staff Initial Appointment and Clinical Privileges</b>		
Meghan McChesney, A.P.R.N.	Provisional Allied Health	Medicine
Mary Louise Kistler, F.N.P.	Allied Health	Medicine
Kathryn Faulkner Roy, FNP-BC	Provisional Allied Health	Medicine
Gillian Maro, LISW-CP	Provisional Allied Health	Psychiatry
Dante John Ursini III, LISW-CP	Allied Health	Psychiatry
Katherine Ann Roge-Jones, P.A.	Provisional Allied Health	Emergency Medicine
<b>Professional Staff Reappointment and Clinical Privileges</b>		
Kacie Lauren Blackwell Berry, A.P.R.N.	Provisional Allied Health	Surgery
Emily Ferrara Crockett, A.P.R.N.	Allied Health	Medicine
Lisa Pascal Mack, A.P.R.N.	Provisional Allied Health	Family Medicine
Sarah Watson Paddrik, A.P.R.N.	Provisional Allied Health	Surgery
Elizabeth L Camposeo, A.P.R.N.	Allied Health	Otolaryngology
Stephanie Luke, A.P.R.N.	Provisional Allied Health	Family Medicine
Daniel G. McDonald, A.P.R.N.	Allied Health	Radiation Oncology
Yolanda D Walker, A.P.R.N.	Provisional Allied Health	Surgery
Maria Emily Freitas, Au.D.	Active Provisional	Otolaryngology
Kimberly Astrid Orr, Au.D.	Allied Health	Otolaryngology
Elizabeth A. Poth, Au.D.	Allied Health	Otolaryngology
Michelle Lauren Sewell, Au.D.	Allied Health	Otolaryngology
Christine C. Strange, Au.D.	Allied Health	Otolaryngology
Laurie Dianne Morgan, C.N.M.	Provisional Allied Health	Obstetrics & Gynecology
Allison Marie Caudill, C.R.N.A.	Provisional Allied Health	Anesthesiology
Keara Lynn Cox, C.R.N.A.	Allied Health	Anesthesiology
Byung Joo Lee, D.D.S.	Active Provisional	Otolaryngology
Angela Jiyeon Yoon, D.D.S.	Active Provisional	Oral & Maxillofacial Surgery
Tina Rushing Woods, D.M.D.	Active Provisional	Oral & Maxillofacial Surgery
Lisa Erin Julian Hart, D.N.P.	Allied Health	Pediatrics
Gonzalo Javier Revuelta, D.O.	Active	Neurology
Rebekah Michelle Johnson, F.N.P.	Allied Health- Colleague- Other	Family Medicine
Lauren Pearce, F.N.P.	Allied Health	Medicine
Katherine A. Tabor, F.N.P.	Allied Health	Family Medicine

Sue Adams, FNP	Provisional Allied Health	Medicine
Elizabeth Weitzel, FNP-C	Provisional Allied Health- Colleague- Other	Medicine
Elizabeth B McGuan, LICSW	Provisional Allied Health	Psychiatry
Margaret Lee Dorsett, P.A.	Allied Health	Surgery
Lisa Ferazzoli, P.A.	Provisional Allied Health	Psychiatry
Tracy Lynn Mapes, P.A.	Allied Health	Emergency Medicine
Diana DuBois Alford, P.A.C.	Allied Health CFC - Colleague	Family Medicine
Brittany Danielle Hein, P.A.C.	Provisional Allied Health- Colleague- Other	Medicine
Avneet Kaur Nagra, P.A.C.	Provisional Allied Health- Colleague- Other	Family Medicine
Wesley Gordon Patterson, P.A.C.	Provisional Allied Health	Pediatrics
Stacey L. Rothwell, P.A.C.	Allied Health	Orthopaedics
Chad Staples, P.A.C.	Provisional Allied Health- Colleague- Other	Emergency Medicine
Jennifer R Dahne, Ph.D.	Allied Health	Psychiatry
Patrick M. O'Neil, Ph.D.	Allied Health	Psychiatry
Janet R. Carter, R.D.	Allied Health	MUHA Dietetic Services
Cherstin Davis Edmondson, R.D.	Provisional Allied Health	MUHA Dietetic Services
Amanda Peterson, R.D.	Allied Health	MUHA Dietetic Services
Tonya Faye Turner, R.D.	Allied Health	MUHA Dietetic Services
<b>Professional Staff Change in Privileges</b>		
Jody Koziol Eblen, A.P.R.N.	Allied Health	Medicine
Jordan Coleman, C.R.N.A.	Allied Health - Remote	Anesthesiology
Robert T Eliason, C.R.N.A.	Allied Health - Remote	Anesthesiology
Ashley Brooke Hill, C.R.N.A.	Allied Health - Remote	Anesthesiology
Allyn Sara Miller-James, C.R.N.A.,	Allied Health - Remote	Anesthesiology
Lesley Nicole Richard, C.R.N.A.,	Provisional Allied Health- Colleague- Other	Anesthesiology
Jessica Leigh Casey, P.A.C.	Allied Health	Emergency Medicine
<b>End of Roster</b>		

**Board of Trustees Credentialing Subcommittee June 2023**  
The Medical Executive Committee reviewed the following applicants on June 21, 2023  
and recommends approval by the Board of Trustees Credentialing Subcommittee effective June 28, 2023

**Charleston Medical Staff Initial Appointment and Clinical Privileges**

Angela Michelle Allevi, M.D.	Active	Pediatrics
Brenda Anahi Alvarado, M.D., B.S.	Active	Pediatrics
Colin Robert Anderson, M.D.	Active	Medicine
Emma Bacharach, M.D.	Active	Urology
Emily Elizabeth Bay, M.D.	Active	Psychiatry
Lisa Holod Betz, M.D.	Active	Radiology
Dawn Boender, M.D.	Active	Obstetrics & Gynecology
Jamison S Bottomley, Ph.D.	Active	Psychiatry
Anton Marek Clemmons, M.D., B.A.	Active	Medicine
Peter Robert Dixon, M.D., M.Sc.	Active	Otolaryngology
Abigail Escalante Dy, M.D.	Active	Medicine
Derlis Christian Fleitas Sosa, M.D.	Active	Medicine
Antony Mikhail Gayed, M.D., B.S.	Active	Radiology
Morgan Shay Goodyear, M.D.	Active	Psychiatry
Mackenzie Jo Gwynne, M.D.	Active	Dermatology
Shaun Patrick Hinen, M.D.	Active	Radiology
Michael William Kalsman, M.D.	Active	Family Medicine
Samiha Karim, M.D.	Active	Medicine
Laura Elizabeth Lach, D.O.	Active	Pediatrics
Kristen Ann Lancaster, M.D.	Active	Pediatrics
Hao Liu, M.D., Ph.D.	Active	Pathology & Lab. Med.
Melissa Ann Mahajan, M.D.	Active	Anesthesiology
Jaime Luis Martinez Santos, M.D.	Active	Neurosurgery
Deani Haggerty McVadon, M.D.	Active	Pediatrics
Mark A Miller, M.D., D.M.D.	Active	Oral & Maxillofacial Surgery
Andres Felipe Ospina, M.D.	Active	Medicine
Vishwajeeth Pasham, M.D., B.S.	Active	Pathology & Lab. Med.
Reshma Komati Reddy, M.D., M.S.	Active	Pediatrics
Chloe Peche Regalado, D.O.	Active	Anesthesiology
Kelly Michelle Roelf, M.D.	Active	Pediatrics
Griffin John Salzer, M.D.	Active	Emergency Medicine
Lisa Michelle Samuelson, B.S., M.D.	Active	Emergency Medicine
Peter Karl Schnaak, M.D.	Active	Anesthesiology
Derek J Shirey, D.O.	Active	Anesthesiology
Sarah R Stender, M.D.	Active	Anesthesiology
William Hardin Stewart, M.D.	Active	Radiology
Nancy Arlene Swiader, D.O.	Active	Pediatrics
James Chadwick Tober, M.D.	Active	Surgery
Arjun Varadarajan, M.D.	Active	Anesthesiology
Stephen Veideman, D.O.	Active	Radiology
Anderson Geoffrey Wang, D.O.	Active	Emergency Medicine
Austin Weyant, D.O.	Active	Radiology
Laura Conrad Wilbanks, M.D.	Active	Ophthalmology
Logan Scott Wolford, M.D.	Active	Emergency Medicine
Dannah Wilde Wray, M.D.	Active	Medicine

**Charleston Medical Staff Reappointment and Clinical Privileges**

Joseph Anwar Abro, M.D., M.A., B.S.	Active	Anesthesiology
Mariam Alexander, M.D., Ph.D.	Active	Medicine

Kathryn Anderson, M.D.	Active	Medicine
Kevin John Baker, M.D.	Active	Medicine
Thomas Richard Beaver, M.D., B.A.	Active	Pathology & Lab. Med.
Sonal Bhatia, M.D.	Active	Pediatrics
Mark Maratka Brodie, M.D.	Active	Medicine
Walter Adam Brzezinski, Jr., M.D.	Active	Medicine
Abbie Rae Cluver, M.D.	Active	Radiology
John Michael Costello, M.D., M.P.H.	Active	Pediatrics
Kevin Todd Dyer, M.D., B.S.	Active	Emergency Medicine
William Milnes Edwards, Jr., M.D.	Active	Medicine
Josef Karl Eichinger, M.D.	Active	Orthopaedics
Ramin Eskandari, M.S., M.D.	Active	Neurosurgery
Jyotika Kanwar Fernandes, M.D.	Active	Medicine
Jessica Ashley Forcucci, M.D.	Active	Pathology & Lab. Med.
Evan Michael Graboyes, M.D., M.P.H.	Active	Otolaryngology
Irl Brian Greenwell, M.D.	Active	Medicine
Parneet Kaur Grewal, M.B.B.S.	Active	Neurology
Mamikon Borisovich Gukasov, D.O., B.S.	Active	Anesthesiology
David Alex Gutman, M.D., M.B.A.	Active	Anesthesiology
Brian Allan Houston, M.D.	Active	Medicine
Lanier Burns Jackson, M.D.	Active	Pediatrics
Gregory Ryan Jackson, M.D.	Active	Medicine
Lindsey Kathleen Jennings, M.D., M.P.H.	Active	Emergency Medicine
Benjamin Chapman Kalivas, M.D.	Active	Medicine
Tara Lynn Kelly, M.D.	Active	Anesthesiology
Morgan Headden Khawaja, M.D.	Active	Pediatrics
Andrew Glenn Klein, M.D.	Active	Anesthesiology
Disha Kohli, M.D.	Active	Neurology
Rachana Krishna, M.B.B.S	Active	Medicine
Sandeepkumar Kuril, M.D.	Active	Pediatrics
Stuart Marc Leon, M.D., M.S.	Active	Surgery
Aaron Payne Leshner, M.D., M.S.C.R	Active	Surgery
Edward Thomas Lewis, III, M.D.	Active	Psychiatry
Michael Brian Lilly, M.D.	Active	Medicine
Joshua Henry Lipschutz, M.D.	Active	Medicine
George Nathaniel Magrath, III, M.D.	Active	Ophthalmology
Temeia Denise Martin, M.D.	Active	Psychiatry
Whitney Erin Marvin, M.D.	Active	Pediatrics
Jennifer Rebecca Matos, M.D.	Active	Anesthesiology
Morgan Parker McBee, M.D., B.S.	Active	Radiology
Leah Schrier McBee, M.D., B.S.	Active	Pediatrics
Jordan James McCarthy, M.D., B.S.	Active	Emergency Medicine
Benjamin Muller, M.D.	Active	Obstetrics & Gynecology
Ernest Etchegaray Murray, M.D., M.S.	Active	Medicine
Laura Elizabeth Murray, M.D.	Active	Pediatrics
Amanda Nicole Overstreet, D.O.	Active	Medicine
Luz Elizabeth Pacheco, M.D.	Active	Psychiatry
Remberto Cuenca Paulo, Jr., M.D.	Active	Pediatrics
Maxie Logan Phillips, D.O.	Active	Anesthesiology
Emily Helen Reams, M.D.	Active	Medicine
Samuel Owens Schumann, III, M.D., M.S.C.R.	Active	Medicine
Aalap Shah, M.D.	Active	Emergency Medicine
Mark Joseph Siegel, M.D.	Active	Dermatology

Joel Matthew Sirianni, M.D., B.S.	Active	Anesthesiology
Karim Magdy Mohamed Soliman, M.D., M.Sc., Ph.D.	Active	Medicine
Heidi Jo Steflik, M.D.	Active	Pediatrics
Krista Terese Wagoner, M.D.	Active	Obstetrics & Gynecology
Phillip David Warr, M.D.	Active	Medicine
Daniel Clay Williams, M.D., M.S.C.R.	Active	Pediatrics
Phillip Ryan Wilson, II, M.D.	Active	Anesthesiology
Christopher David Wolla, M.D., B.S.	Active	Anesthesiology
Genevieve Alison Wolpert, M.D., M.S.	Active	Obstetrics & Gynecology
Jeffrey Peter Yourshaw, M.D.	Active	Medicine
David William Zaas, M.D., M.B.A.	Active	Medicine
Joseph Edward Alagna, Jr., D.O.	Active Provisional	Family Medicine
Mira Amin, M.D.	Active Provisional	Ophthalmology
Brittany Austin, B.S., M.D.	Active Provisional	Obstetrics & Gynecology
Steliyana Stoyanova Bakalova-Georgieva, M.D.	Active Provisional	Medicine
Priyanka Ballal, M.D.	Active Provisional	Medicine
Eliza Longstreet Barnwell, M.D.	Active Provisional	Ophthalmology
Kelly Joann Barton, M.D.	Active Provisional	Pediatrics
Robert Earl Sean Bowen, M.D., M.P.H.	Active Provisional	Anesthesiology
Jamel Lekeif Fraizer Brown, M.D.	Active Provisional	Medicine
Daniel Chadwick Butler, M.D.	Active Provisional	Pathology & Lab. Med.
George Benjamin Carter, M.D., B.S.	Active Provisional	Medicine
Nikita Chapurin, M.D., M.H.S.	Active Provisional	Otolaryngology
Charlotte Ann Collins, M.D.	Active Provisional	Emergency Medicine
Daniel Harrison Cook, M.D.	Active Provisional	Radiology
Christopher Thomas Cordeiro, M.D.	Active Provisional	Medicine
Brittany Paige DePriest, M.D., B.S.	Active Provisional	Pediatrics
Bishnu Prasad Dhakal, M.D.	Active Provisional	Medicine
Rashmi Gyawali Dhakal, M.D.	Active Provisional	Medicine
Brittany Lynette Dobson, M.D.	Active Provisional	Radiology
Anthony Jacob Emanuel, M.D.	Active Provisional	Pathology & Lab. Med.
Brittainy Renee Erby, M.D.	Active Provisional	Psychiatry
Hannah C Espeleta, Ph.D., M.S., B.A.	Active Provisional	Department of Nursing
Timothy Michael Ford, M.D.	Active Provisional	Anesthesiology
Colleen Anne Gavigan, M.D.	Active Provisional	Medicine
Dale Sussman Gertz, M.D.	Active Provisional	Pediatrics
Christopher Robert Gilbert, D.O., M.S.	Active Provisional	Medicine
Megan Elizabeth Goff, D.O.	Active Provisional	Medicine
Tara Grahovac, M.D., B.S.	Active Provisional	Surgery
Matthew Jonathan Graves, M.D., B.S.	Active Provisional	Anesthesiology
Rayphael Sebastian Hardy, M.D., B.S.	Active Provisional	Medicine
Kendall Warren Headden, M.D.	Active Provisional	Anesthesiology
Matthew Hewitt, M.D., B.A.	Active Provisional	Emergency Medicine
Harriet Bagnal Hinen, M.D.	Active Provisional	Dermatology
Kristen Punshon Kyler, D.O.	Active Provisional	Pediatrics
Katherine Ruth Lee, M.D.	Active Provisional	Dermatology
Richard Robert Lueking, M.D.	Active Provisional	Medicine
Michael Patrick Lugo, M.D.	Active Provisional	Pediatrics
Kelli Michelle McFarling, M.D.	Active Provisional	Obstetrics & Gynecology
Brian Henry McGreen, D.O.	Active Provisional	Urology
Aravind Ajakumar Menon, M.D., M.D.,M.P.H.	Active Provisional	Medicine
Elizabeth Anne Monter, D.O.	Active Provisional	Psychiatry

Ellen Margaret Nielsen, M.D.	Active Provisional	Medicine
William John Nixon, M.D.	Active Provisional	Radiology
Brielle Paolini, M.D., Ph.D.	Active Provisional	Radiology
Neil Kanaiyalal Patel, M.D.	Active Provisional	Anesthesiology
Christopher Andrew Rangel, M.D., B.A.	Active Provisional	Medicine
Dena Patel Rhinehart, M.D.	Active Provisional	Medicine
Carrie Kristin Riestenberg, M.D.	Active Provisional	Obstetrics & Gynecology
Meg Katherine Scott, M.D., B.S.	Active Provisional	Medicine
Pranav Virenkumar Shah, M.D.	Active Provisional	Medicine
Matthew Chrisman Sherrier, M.D.	Active Provisional	Orthopaedics
Harrison Banks Smith, M.D.	Active Provisional	Medicine
Adam Snoap, M.D.	Active Provisional	Otolaryngology
Trevor Stone, M.D.	Active Provisional	Radiology
Stephen Andrew Thacker, M.D., B.S.	Active Provisional	Pediatrics
Emily Vara, D.O.	Active Provisional	Pediatrics
Leonel Abelardo Vasquez, M.D., B.A.	Active Provisional	Radiology
Alice Yinghui Wang, M.D., B.S.	Active Provisional	Urology
Katherine Vivian Wang, M.D.	Active Provisional	Pathology & Lab. Med.
Katherine Marie Senf Wood, M.D., B.S.	Active Provisional	Ophthalmology
Bryan Henry Frain, M.D.	Affiliate	Medicine
Cyrus Faz Loghmanee, M.D.	Affiliate	Surgery
Eugene Sukpyo Hong, M.D.	Affiliate - Colleague	Family Medicine
Teresa Mary Jolley Kilgore, D.O.	Affiliate - Colleague - Other	Family Medicine
Merritt Stanley Huber, III, M.D., B.S.	Affiliate CFC - Colleague	Family Medicine
Lyle Glenn Walsh, M.D., Ph.D.	Affiliate CFC - Colleague	Medicine
<b>Charleston Medical Staff Reappointment and Change in Clinical Privileges</b>		
None		
<b>Charleston Medical Staff Change in Privileges</b>		
John Clayton Foster, M.D.	Active	Anesthesiology
Mohanned Mallah, M.D., B.S.	Active	Surgery
Charlotte Ivey Rivers, M.D.	Active	Radioation Oncology
David Taplin Marshall, M.D.	Active	Radioation Oncology
Bhishamjit Singh Chera, M.D.	Active	Radioation Oncology
Thomas Gerard Di Salvo, M.D.	Active	Medicine
<b>Charleston Professional Staff Initial Appointment and Clinical Privileges</b>		
Natasha Lee Anderson, A.C.N.P	Allied Health	Medicine
Elisa Glover Bath, D.N.P., MSN, FNP, BSN	Allied Health	Dermatology
Cathryn Fabella Cuizon, B.S.N., M.S.N., D.N.P.	Allied Health	Department of Nursing
Sydney Allsbrook Funderburk, P.A.	Allied Health	Emergency Medicine
Mason Paige Gambrell, B.S., A.T.C.	Allied Health	Orthopaedics
Douglas Scott Gray, C.R.N.A.	Allied Health	Anesthesiology
Shannon Grube, N.P., BSN, B.A.	Allied Health	Anesthesiology
Michelle Lee Hall, A.D.N., B.S.N., AGAC-NP	Allied Health	Medicine
April Klein, C.R.N.A.	Allied Health	Anesthesiology
Leia E. Oberg, B.S.N., M.S.N.	Allied Health	Family Medicine
Caroline Taylor Gelber Refhuss, P.A.	Allied Health	Pediatrics
Tara Thompson, P.A.C., B.Sc.	Allied Health	Emergency Medicine
BaoTran Trannguyen, M.P.A.S., B.A.	Allied Health	Surgery
Matthew Robert Carter, P.A.	Allied Health - Colleague - Other	Family Medicine
<b>Charleston Professional Staff Reappointment and Clinical Privileges</b>		
Andreana Benitez, Ph.D.	Allied Health	Neurology
Kathleen Hurlburt Comley, C.R.N.A.	Allied Health	Anesthesiology
Lindsey Elizabeth DeLoach, BSN, MSN	Allied Health	Medicine

Casey Jane Foster, MSN, ADN, B.S.	Allied Health	Medicine
Kimsey Cooper Lamar, M.P.A.S., P.A.C.	Allied Health	Surgery
Stephanie Leigh Neary, P.A., M.P.A.	Allied Health	Medicine
Christopher T Sege, Ph.D.	Allied Health	Psychiatry
Jill Neumann Tibbetts, M.S., P.A.C.	Allied Health	Medicine
Jana Lynn Wheeler, D.N.P., MSN, BSN	Allied Health	Otolaryngology
Cherika Gadson, F.N.P.	Allied Health CFC - Colleague	Family Medicine
Jameela Sherene Goudarzi, D.N.P., F.N.P.	Allied Health CFC - Colleague	Family Medicine
Toni Coaxum Pinckney, D.N.P., MSN, F.N.P.	Allied Health CFC - Colleague	Family Medicine
Marlee Mckenzie Bodle, C.R.N.A.	Provisional Allied Health	Anesthesiology
Lauren Ashley Boudreaux, MSN	Provisional Allied Health	Surgery
Haley Marie Brimmer, B.S., M.P.H	Provisional Allied Health	MUHA Dietetic Services
TaCorey Sanchez Campbell, MSN, CPNP	Provisional Allied Health	Pediatrics
Jessica Lynn Fragile, N.N.P.	Provisional Allied Health	Pediatrics
Stephanie Michelle Greene, B.S., B.S.N., MSN, FNP	Provisional Allied Health	Medicine
Alston James Hamilton, C.R.N.A.	Provisional Allied Health	Anesthesiology
Jonathan Littlejohn, D.N.P., FNP-BC	Provisional Allied Health	Surgery
Deborah A Marrington, A.P.R.N.	Provisional Allied Health	Pediatrics
Patricia Anne Meiers, B.S.N., M.S.N.	Provisional Allied Health	Pediatrics
Carrie Prescott, D.N.P., MSN, BSN	Provisional Allied Health	Surgery
Sean A. Roles, M.S., B.Sc.	Provisional Allied Health	Radiation Oncology
Cameron Taylor Shiflett, N.N.P.	Provisional Allied Health	Pediatrics
Keith Stanley Sims, C.R.N.A.	Provisional Allied Health	Anesthesiology
Meredith Kelly Stamper, C.R.N.A.	Provisional Allied Health	Anesthesiology
Susan Bailey Wells, P.A.C.	Provisional Allied Health	Medicine
Michael McGowan, C.R.N.A.	Provisional Allied Health - Colleague - Other	Anesthesiology
Joshua Kyle Rosenthal, P.A.C.	Provisional Allied Health - Colleague - Other	Surgery
<b>Charleston Professional Staff Reappointment and Change in Privileges</b>		
None		
<b>Charleston Professional Staff Change in Privileges</b>		
Anna Raffaella Miller, BSN, MSN	Allied Health	Anesthesiology
Sonam Rama, P.A.C.	Allied Health	Otolaryngology
<b>Orangeburg Medical Staff Initial Appointment and Clinical Privileges</b>		
John Fitzgerald Ansley, M.D.	Active – Remote	Otolaryngology
George Augustine, M.D.	Active – Remote	Medicine
William Leroy Baly , Jr., M.D.	Active – Remote	Family Medicine
Mauricio Bassante Gavilanes, M.D.	Active – Remote	Surgery
Robert Baumstark, D.O.	Active – Remote	Family Medicine
Jazman Ethel Beach, M.D.	Active – Remote	Emergency Medicine
Matthew Lynn Blackburn, M.D.	Active – Remote	Emergency Medicine
Douglas Brash, D.O.	Active – Remote	Emergency Medicine
Ryan Brown, D.O.	Active – Remote	Emergency Medicine
Shawnequa Latrina Brown, M.D.	Active – Remote	Obstetrics & Gynecology
Chris Yvette Brunson, M.D.	Active – Remote	Medicine
Zachary Michael Buchanan, D.O.	Active – Remote	Emergency Medicine
Robert Raymond Dukes, M.D.	Active – Remote	Anesthesiology
John Henry Durham, M.D., Ph.D., M.S.	Active – Remote	Medicine
Ekong I Eta, M.D.	Active – Remote	Medicine
Jackson McCrea Ewart, M.D.	Active – Remote	Medicine
John Alexander Fant, M.D., B.S.	Active – Remote	Pathology & Lab. Med.
Dion L. Franga, M.D.	Active – Remote	Surgery



Valerie Alison Fritsch, M.D.	Active – Remote	Otolaryngology
Paul G Goetowski, M.D.	Active – Remote	Radiology
Donna Jean O. Greene, C.R.N.A., M.S.N.	Active – Remote	Anesthesiology
Scott Joseph Habakus, D.O.	Active – Remote	Radiology
Aaron Bernard Haire, D.P.M., B.A.	Active – Remote	Surgery
Jalal Eddin Hakmei, M.D.	Active – Remote	Medicine
Thomas Richard Hall, M.D.	Active – Remote	Emergency Medicine
Erin Elizabeth Harris, M.D.	Active – Remote	Emergency Medicine
Michael Scott Hay, M.D.	Active – Remote	Urology
Timothy Idiaghe, M.D.	Active – Remote	Medicine
Preetinder Kaur Kaleka, M.D.	Active – Remote	Medicine
Charles Julius Kilgore, M.D.	Active – Remote	Pediatrics
Samuel Van King, M.D.	Active – Remote	Medicine
Mark Joseph Krzyston, M.D.	Active – Remote	Medicine
Renee Lizette Lewis-Kensah, M.D.	Active – Remote	Medicine
Yongxin Li, M.D., Ph.D., M.S.	Active – Remote	Family Medicine
Mark James Lloyd London, M.D.	Active – Remote	Surgery
Echezona Gerald Nsofor, M.D.	Active – Remote	Medicine
Ifedolapo Odebunmi, M.D.	Active – Remote	Medicine
Glen A-Wen Pu, M.D.	Active – Remote	Radiology
John Hunter Samies, M.D.	Active – Remote	Medicine
Victor Sidhom, M.D.	Active – Remote	Medicine
William W Thomas, III, M.D.	Active – Remote	Otolaryngology
Ira David Uretzky, M.D.	Active – Remote	Otolaryngology
Todd VandenBerg, M.D., M.P.H	Active – Remote	Urology
Bryan Allen West, M.D., B.A., B.S.	Active – Remote	Psychiatry
Bruce Barry Williams, D.O.	Active – Remote	Obstetrics & Gynecology
Addison Graves Wilson, Jr., M.D.	Active – Remote	Orthopaedics
Cameron Hewlett Wynn, M.D.	Active – Remote	Emergency Medicine
Nazir Ahmed Adam, M.D.	Active – Remote	Emergency Medicine
Longinus O Agor, M.D.	Active – Remote	Medicine
David Adewole Ajibade, M.D.	Active – Remote	Orthopaedics
Wilbur Lynn Allen, M.D.	Active – Remote	Medicine
Muhammad Ibn Hameen Ansari, D.P.M.	Active – Remote	Surgery
Daniel Louis Avosso, M.D., M.B.A.	Active – Remote	Emergency Medicine
George Thomas Bayer, M.D.	Active – Remote	Emergency Medicine
Lamar Warren Dawkins, Jr., M.D.	Active – Remote	Medicine
Satyajit Doddapaneni, M.D.	Active – Remote	Medicine
Ta-Tanisha Favor, M.D., M.S.	Active – Remote	Emergency Medicine
John Haskell Hayden, Jr., M.D.	Active – Remote	Family Medicine
Sabina Abbasova, D.P.M., B.S.	Active – Remote	Surgery
Mohammed Abdulfatah, M.D.	Active – Remote	Medicine
Jeffrey Martin Aversa, M.D.	Active – Remote	Medicine
Thomas Tung Chow, M.D.	Active – Remote	Surgery
Lucius Craig , III, M.D.	Active – Remote	Orthopaedics
Rosemarie S Di Peppi, D.O., M.P.H.	Active – Remote	Pediatrics
Temisan Leslie Etikerentse, M.D.	Active – Remote	Medicine
Jason Ray Gregory, D.O.	Active – Remote	Anesthesiology
Reed Mitchell Heckert, M.D.	Active – Remote	Orthopaedics
Maged H. Hussein, M.D.	Active – Remote	Medicine
John Oxford Hutto, Sr., M.D.	Active – Remote	Medicine
Patrick Michael Jackson, M.D.	Active – Remote	Emergency Medicine
Samuel A Maluil, D.O.	Active – Remote	Medicine

James P Marro, M.D., B.S., B.A.	Active – Remote	Orthopaedics
Michael Leonard Masiowski, M.D.	Active – Remote	Emergency Medicine
Emmanuel A Mbey, M.D.	Active – Remote	Medicine
Prudence Chia Mbu, M.D.	Active – Remote	Medicine
Mark C McGannon, M.D.	Active – Remote	Ophthalmology
Alex Stewart McPherson, M.D.	Active – Remote	Medicine
Gustavo Antonio Meyreles Chaljub, M.D.	Active – Remote	Medicine
John Edward Milko, M.D., B.S.	Active – Remote	Emergency Medicine
Catherine Meekins Millender, M.D.	Active – Remote	Medicine
Dwight Paul Mirmow, M.D.	Active – Remote	Pathology & Lab. Med.
Dorwin Tillman Moore, M.D.	Active – Remote	Obstetrics & Gynecology
Moustafa Ashraf Hamed Moustafa, M.D.	Active – Remote	Medicine
Narayanachar Sethuramacha Murali, M.D.	Active – Remote	Medicine
Mohammad Said Nassri, M.D.	Active – Remote	Medicine
Sammy Nassri, M.D.	Active – Remote	Medicine
Tiamiyu Jimoh Oladipo, M.D.	Active – Remote	Medicine
William Esdorn O'Quinn, Sr., M.D.	Active – Remote	Family Medicine
Kalai Chellam Parthiban, M.D.	Active – Remote	Medicine
Sundip Somabhai Patel, D.O.	Active – Remote	Urology
Mieke Janel Perez, M.D.	Active – Remote	Medicine
Robert Puchalski, M.D.	Active – Remote	Otolaryngology
Madhannagari Reddy, M.D.	Active – Remote	Medicine
Christopher Robin Rosanova, D.O.	Active – Remote	Emergency Medicine
John Richard Ross, Sr., M.D.	Active – Remote	Surgery
Swathi Roy, M.D.	Active – Remote	Medicine
Jordana Lorraine Ruffner, D.O.	Active – Remote	Emergency Medicine
Jeffrey Douglas Sarata, D.O.	Active – Remote	Emergency Medicine
Elisabeth Schmitt, D.O.	Active – Remote	Medicine
Richard Paul Serianni, M.D.	Active – Remote	Anesthesiology
Timothy Scott Shaver, M.D.	Active – Remote	Family Medicine
Vann Beth Myers Shuler, M.D.	Active – Remote	Family Medicine
Stephen Nelson Sides, II, M.D.	Active – Remote	Radiology
Tushar Trivedi, M.D., M.P.H, Ph.D.	Active – Remote	Neurology
Kelenne Vera Tuitt, D.O., M.S.	Active – Remote	Family Medicine
James Joseph Van Hulle, M.D.	Active – Remote	Ophthalmology
Nathan Paul Vandervinne, DO, MPH, DO, MPH	Active – Remote	Emergency Medicine
Matthew Charles Wallen, M.D.	Active – Remote	Emergency Medicine
David Lee Ward, M.D.	Active – Remote	Radiology
Dawn M Warne, C.R.N.A.	Active – Remote	Anesthesiology
Michelle Antoinette Widener, M.D.	Active – Remote	Psychiatry
Radames Adamo Zuquello, M.D.	Active – Remote	Medicine
Courtney Blake Bordenkecher, D.P.M.	Provisional Affiliate - Colleague - Other	Surgery
George E Castro, M.D.	Provisional Affiliate - Colleague - Other	Medicine
Franklin Carn Coulter, M.D.	Provisional Affiliate - Colleague - Other	Family Medicine
Jason David Cundiff, M.D.	Provisional Affiliate - Colleague - Other	Surgery
Michael James McMullen, M.D.	Provisional Affiliate - Colleague - Other	Ophthalmology
Syed Zia-ur-Rehman Shah, M.D.	Provisional Affiliate - Colleague - Other	Medicine
Charles Tune Staples, Jr., M.D.	Provisional Affiliate - Colleague - Other	Emergency Medicine
Daoling Zhang, M.D., M.S., B.S.	Provisional Affiliate - Colleague - Other	Ophthalmology
<b>Orangeburg Professional Staff Initial Appointment and Clinical Privileges</b>		
Nancy Thornton Bailey, P.A., B.A.	Allied Health - Remote	Medicine
Constance Gainey Bailey, N.P.	Allied Health - Remote	Neurology
Lynn Beckett-Lowe, MSN, FNP, BSN	Allied Health - Remote	Psychiatry

Edit Beli, LPC	Allied Health - Remote	Psychiatry
Mary Elizabeth Braxton, P.A.	Allied Health - Remote	Family Medicine
Carey A Bunch, CPO	Allied Health - Remote	Orthopaedics
Nancy Marie Campbell, P.A.C.	Allied Health - Remote	Family Medicine
Erin Suzanne Castellano, A.N.P.	Allied Health - Remote	Family Medicine
Stacey Terpko Chase, P.A., M.P.A.S.	Allied Health - Remote	Emergency Medicine
Holly Dunn Clardy, N.P., RN, MSN, FNP	Allied Health - Remote	Surgery
Latosha Larkin Corley, A.D.N., B.S.N., A.G.N.P.-C	Allied Health - Remote	Medicine
Melody Paige Crews, N.P.	Allied Health - Remote	Psychiatry
Joseph Christopher Daniels, B.A., MSN, C.R.N.A.	Allied Health - Remote	Anesthesiology
Tjuana Faith Durden Seidl, B.S., M.S., P.A.C.	Allied Health - Remote	Family Medicine
Lee A. Erbe, RN, MSN, MSN, FNP	Allied Health - Remote	Medicine
Lisa Fanning Etheridge, N.P., A.P.R.N., B.S.N.	Allied Health - Remote	Family Medicine
Karie Gibbs Fersner, B.S.N., RN, MSN, W.H.N.P.	Allied Health - Remote	Family Medicine
Stacey Marie Flaherty, F.N.P.	Allied Health - Remote	Medicine
Marie Louise Gehling, N.P.	Allied Health - Remote	Medicine
Mary L Halbritter, B.S., P.A.	Allied Health - Remote	Medicine
Angela Lomax Hampton, P.A.	Allied Health - Remote	Family Medicine
Katherine Moredock Hayden, P.A.	Allied Health - Remote	Family Medicine
Amanda O'Toole Heneage, N.P.	Allied Health - Remote	Psychiatry
Therin S. Hill, P.A., M.B.A.	Allied Health - Remote	Emergency Medicine
Conita L Hill, P.A.	Allied Health - Remote	Emergency Medicine
Candace Culler Holstein, N.P., RN, MSN, FNP	Allied Health - Remote	Family Medicine
LaTasha Hott, F.N.P.	Allied Health - Remote	Psychiatry
Alexander McLean Hovey, P.A.	Allied Health - Remote	Emergency Medicine
Leigh Celestine Jacobs, N.P.	Allied Health - Remote	Surgery
Chyrese Savaughn Jenkins, N.P.	Allied Health - Remote	Medicine
Brandi Pacheco Johnson, N.P.	Allied Health - Remote	Neurology
Duke Y Kimzey, P.A.C.	Allied Health - Remote	Emergency Medicine
Melanie Charmaine Kittrell, C.N.M., M.S.N., BSN	Allied Health - Remote	Obstetrics & Gynecology
Matthew Nicholas Kunkelman, P.A., M.M.S.	Allied Health - Remote	Family Medicine
Naomi Lee Lattin, N.P., MSN	Allied Health - Remote	Family Medicine
Travis Allen Lee, C.R.N.A.	Allied Health - Remote	Anesthesiology
Kathy Melinda Livingston, C.R.N.A.	Allied Health - Remote	Anesthesiology
Catherine Hammond Moore, P.A., M.P.A.S.	Allied Health - Remote	Emergency Medicine
Clarissa Maria Neely, RN, MSN, C.R.N.A.	Allied Health - Remote	Anesthesiology
Elzbieta Ostoja, N.P.	Allied Health - Remote	Medicine
Dharti Bhavin Patel, N.P., MSN, FNP	Allied Health - Remote	Medicine
Erin Marina Pournaras, P.A.	Allied Health - Remote	Emergency Medicine
Brian Ashby Pritchett, C.R.N.A., B.S.N., M.S.N.A.	Allied Health - Remote	Anesthesiology
Shakisha Tawanna Redmond, P.A., B.A.	Allied Health - Remote	Orthopaedics
Elizabeth Rivers Ridgeway, B.A., M.Ed., LPC	Allied Health - Remote	Psychiatry
Gabriel Isaac Roberts, P.A.	Allied Health - Remote	Surgery
Lee Christopher Ross, FNP-C	Allied Health - Remote	Emergency Medicine
Amelia K. Selph, BSN, MSN, A.P.R.N.	Allied Health - Remote	Medicine
Melanie Tomeko Sheppard, P.A.	Allied Health - Remote	Family Medicine
Savannah Brooke Silvers, N.P.	Allied Health - Remote	Medicine
Kari Anne Simmons, N.P.	Allied Health - Remote	Medicine
Justin Cody Simmons, C.R.N.A.	Allied Health - Remote	Anesthesiology
Faren Myers Stroman, MSN, FNP	Allied Health - Remote	Surgery
Brady Thomas, C.R.N.A.	Allied Health - Remote	Anesthesiology
Nicole Lynn Tidd, A.P.R.N.	Allied Health - Remote	Medicine
Chandler Brown Tyler, P.A.	Allied Health - Remote	Urology

Stacy Weeks Weaver, P.A.C.	Allied Health - Remote	Family Medicine
Dallas McKenzie Wise, B.S.N., C.R.N.A., D.N.A.P	Allied Health - Remote	Anesthesiology
Jennifer Lynn Bates, N.P.	Allied Health - Remote	Medicine
David Berlin, C.R.N.A.	Allied Health - Remote	Medicine
Dale N Lullo, A.G.N.P.-C, M.S.N., R.N.	Allied Health - Remote	Medicine
Daniel Armand Martin, BSN, C.R.N.A.	Allied Health - Remote	Anesthesiology
Thomas Daniel Martin, Jr., C.R.N.A., BSN	Allied Health - Remote	Anesthesiology
Chelsea Sarah Nypaver, N.P., B.S.N.	Allied Health - Remote	Surgery
Linda Lanier Padgett, C.R.N.A., B.S.N.	Allied Health - Remote	Anesthesiology
Cortney Ann Powell, N.P.	Allied Health - Remote	Surgery
Kevin L. Ray, D.P.M.	Allied Health - Remote	Surgery
Reuben B Ridgeway, B.S., M.S., Ph.D.	Allied Health - Remote	Psychiatry
Peter Walter Schindler, C.R.N.A., B.S.N.	Allied Health - Remote	Anesthesiology
Ryan W Seidl, P.A.	Allied Health - Remote	Medicine
Constance B Simons, B.S.N., MSN, FNP	Allied Health - Remote	Family Medicine
Olando Antonio Singletary, C.R.N.A., B.S.N., B.Sc.	Allied Health - Remote	Anesthesiology
Courtney L Snell, N.P., M.B.A.	Allied Health - Remote	Emergency Medicine
Kennedy Ariyan Toole, B.S., M.P.A.S.	Allied Health - Remote	Surgery
Barbara Jean Toth, C.R.N.A.	Allied Health - Remote	Anesthesiology
END		

Board of Trustees Credentialing Subcommittee July 2023  
The Medical Executive Committee reviewed the following applicants on July 19, 2023  
and recommends approval by the Board of Trustees Credentialing Subcommittee effective July 28, 2023

<b>Charleston Medical Staff Initial Appointment and Clinical Privileges</b>		
Andrew Nader Ameri, MD	Active	Neurology
Kivanc Atesok, MD	Active	Orthopaedics
Maria del Pilar Bayona Molano, MD	Active	Radiology
Emily Davis Black, MD	Active	Pediatrics
Laura Elizabeth Blasko, MD	Active	Pediatrics
Zachary James Brownlee, DO	Active	Family Medicine
William Boyce Burns, MD	Active	Pediatrics
Kelly Marie Engle, MD	Active	Medicine
Catherine Eve Enyart, MD	Active	Pediatrics
James Edward Eubanks Jr., MD	Active	Orthopaedics
Lloyd McPherson Felmly, MD	Active	Surgery
Justin Harold, MD	Active	OBGYN
Courtney Elizabeth Harris, MD	Active	Medicine
Kimberly Bowerman Hashemi, MD	Active	Dermatology
Daniel L Herr, MD	Active	Anesthesia
Matthew Charles Hulse, MD	Active	Anesthesia
Tamara Deniece Johnson, MD	Active	Pediatrics
Jennifer Rosemary Joyce, DO	Active	Radiology
Megan Coral Kemp, MD	Active	Anesthesia
Brian Edward Lally, MD	Active	Radiation Oncology
Jarrod Alexander Little, MD	Active	Surgery
Virginia Erin Mashack, DO	Active	Family Medicine
Mitali Mehta, MD	Active	Emergency Medicine
Samantha Jean Minkin, MD	Active	Medicine
Amarendra Kumar Neppalli, MD	Active	Medicine
Hoang Duc Nguyen, DO	Active	Psychiatry
Alexandra Parashos, MD	Active	Neurology
Vishal Narasinga Rao, MD	Active	Medicine
Daniel John Ritter, MD	Active	Emergency Medicine
Lindsay Rucker, MD	Active	OGBYN
Ben Allen Strickland, MD	Active	Neurosurgery
Stephen Allen Stringfellow, MD	Active	Radiology
Kimberley Youkhana, MD	Active	Medicine
<b>Charleston Medical Staff Reappointment and Clinical Privileges</b>		
Cristin Swords Adams, D.O.	Active	Family Medicine
Ruth Oluwatoyin Adekunle, M.D.	Active	Medicine
Nicholas Stephen Amoroso, M.D.	Active	Medicine
Janaina Nogueira Anderson, M.D.	Active	Pediatrics
Rubin Aujla, M.D.	Active	Psychiatry
DeAnna Andrea Baker Frost, M.D.	Active	Medicine
David R. Beckert, M.D.	Active	Psychiatry
Austin Biggs, M.D.	Active	Pediatrics
Patrick Earl Britell, M.D.	Active	Anesthesiology
Milos Budisavljevic, M.D.	Active	Medicine
Christopher William Bunt, M.D.	Active	Family Medicine
Martin Dearborn Burke, M.D.	Active	Anesthesiology
Katherine Elizabeth Chetta, M.D.	Active	Pediatrics
Bruce Alan Crookes, M.D.	Active	Surgery
Grayce Pauline Davis, M.D.	Active	Anesthesiology
Kevin O'Neill Delaney, M.D.	Active	Surgery
Angela Richardson Dempsey-Fanning, M.D.	Active	Obstetrics & Gynecology
Toros Ali Dincman, M.D.	Active	Medicine
John Wesley Doty, M.D.	Active	Anesthesiology

Derek Allen DuBay, M.D.	Active	Surgery
Autumn Lynn Edenfield, M.D.	Active	Obstetrics & Gynecology
Andrew Steven Eiseman, M.D.	Active	Ophthalmology
Meryle Jocelyn Eklund, M.D.	Active	Radiology
Erin Marie Forster, M.D.	Active	Medicine
Renuka Mariam George, M.D.	Active	Anesthesiology
Whitney Spannuth Graybill, M.D.	Active	Obstetrics & Gynecology
Caitlin Homberger Green, M.D.	Active	Medicine
Sean Patrick Haley, M.D.	Active	Family Medicine
Kenneth Hall Hanger Jr., M.D.	Active	Medicine
Hamza Hashmi, M.D.	Active	Medicine
Katherine Herbert Hatter, M.D.	Active	Anesthesiology
Kathleen Claire Head, M.D.	Active	Pediatrics
Christopher Laurence Heine, M.D.	Active	Anesthesiology
Brian Timothy Hess, M.D.	Active	Medicine
Niren Kapoor, M.D.	Active	Neurosurgery
Tala Marie Kassm, D.O.	Active	Ophthalmology
Minoo Naozer Kavarana, M.D.	Active	Surgery
Anne Meredith Kroman, D.O.	Active	Medicine
Stephanie Kwon, D.O.	Active	Pediatrics
Dalila Lewis, M.D.	Active	Pediatrics
Cara Blythe Litvin, M.D.	Active	Medicine
Aundrea Eason Loftley, M.D.	Active	Medicine
Forrest Justin Lowe, M.D.	Active	Neurology
Claire Anne MacGeorge, M.D.	Active	Pediatrics
Elizabeth Rose MackDiaz, M.D.	Active	Pediatrics
Andrew James Manett, M.D.	Active	Psychiatry
Camelia Marculescu, M.D.	Active	Medicine
William Cameron McManigle, M.D.	Active	Medicine
Eric Gerhard Meissner, M.D.	Active	Medicine
Nicholas Jerome Milano, M.D.	Active	Neurology
Phayvanh Phithaksounthone Pecha, M.D.	Active	Otolaryngology
Lynn Janet Poole Perry, M.D.	Active	Ophthalmology
Angelina Indira Phillips, M.D.	Active	Pathology & Lab. Med.
Nicolas Pope, M.D.	Active	Surgery
Sara Hampton Ritchie, M.D.	Active	Pediatrics
Karoline Maia Rocha, M.D.	Active	Ophthalmology
Amanda Thompson Roten, M.D.	Active	Psychiatry
Katherine Ruzhansky, M.D.	Active	Neurology
Erin Beth Seery, M.D.	Active	Psychiatry
Nicholas Haddad Shaheen III, M.D.	Active	Radiology
Daniel Howard Steinberg, M.D.	Active	Medicine
Toby Beth Steinberg, M.D.	Active	Anesthesiology
Morsal Tahouni, M.D.	Active	Emergency Medicine
Karthik Tanneru, M.D.	Active	Urology
Rebecca Jean Teague, M.D.	Active	Emergency Medicine
Thomas Mark Todoran, M.D.	Active	Medicine
Christina Frances Tolbert, M.D.	Active	Psychiatry
John Michael Tucker, M.D.	Active	Medicine
Katherine Elizabeth Twombly, M.D.	Active	Pediatrics
Leonidas Nye Walthall IV, M.D.	Active	Medicine
Alice Aileen Walz, M.D.	Active	Pediatrics
Ashley Arana Waring, M.D.	Active	Medicine
Jordan Stuart Whatley, M.D.	Active	Pediatrics
Robert Boyd Wildman, M.D.	Active	Neurology
Jeffrey Winterfield, M.D.	Active	Medicine
Lucas John Witer, M.D.	Active	Surgery

John McElmurray Wrangle, M.D.	Active	Medicine
Mohamed Abdelwahab, M.D.	Active Provisional	Otolaryngology
Christina M Abrams, M.D.	Active Provisional	Pediatrics
Jessica Lauren Atkins, M.D.	Active Provisional	Medicine
Erin Balog, M.D.	Active Provisional	Pediatrics
Anthony Philip Carnicelli, M.D.	Active Provisional	Medicine
Meghan Mary Carter, Au.D.	Active Provisional	Otolaryngology
Alexander Ross Coltoff, M.D.	Active Provisional	Medicine
Karley Dutra, M.D.	Active Provisional	Obstetrics & Gynecology
Mohamed Badreldin Elshazly, M.D.	Active Provisional	Medicine
Michele Lynne Esposito, M.D.	Active Provisional	Medicine
Sarah Elizabeth Evins, M.D.	Active Provisional	Pediatrics
Lauren Elizabeth Fiorillo, M.D.	Active Provisional	Radiology
Rebeca Castellanos Gonzalez, Ph.D.	Active Provisional	Psychiatry
Mary Laing Holland, Au.D.	Active Provisional	Otolaryngology
Rakin Ahsanul Hoq, M.D.	Active Provisional	Psychiatry
Timothy Jeremiah Horgan III, D.O.	Active Provisional	Pediatrics
Daniel Mohammed Hossain, D.O.	Active Provisional	Emergency Medicine
William Howell Jarrard III, M.D.	Active Provisional	Neurology
Rachel Miriam Kaplan, M.D.	Active Provisional	Medicine
Gabriel Klein, M.D.	Active Provisional	Surgery
Benjamin Robert Kuhn, D.O.	Active Provisional	Pediatrics
Rustin Anthony Meister, M.D.	Active Provisional	Pediatrics
Alexandra Mills, M.D.	Active Provisional	Medicine
Ghada Ashraf Ahmed Mahmoud Mohamed, M.D.	Active Provisional	Neurology
Ameet Singh Nagpal, M.D.	Active Provisional	Orthopaedics
Nina Jo Paletta, M.D.	Active Provisional	Medicine
Jeanhyong Park, M.D.	Active Provisional	Emergency Medicine
Jennifer Janell Patterson, M.D.	Active Provisional	Psychiatry
Lauren Nicole Powell, D.O.	Active Provisional	Pediatrics
Robert Andrew Ravinsky, M.D.	Active Provisional	Orthopaedics
Donna Jones Roberts, B.S.	Active Provisional	Family Medicine
Mark Allen Stacy, M.D.	Active Provisional	Neurology
Joshua Joseph Sturm, M.D.	Active Provisional	Otolaryngology
Christopher Tan, M.D.	Active Provisional	Medicine
Genta Uehara, M.D.	Active Provisional	Medicine
Tracy Robertson Voss, M.D.	Active Provisional	Medicine
Adam Hudepohl, M.D.	Affiliate CFC	Family Medicine
Maria Rudisill Streck, M.D.	Affiliate CFC	Pediatrics
Gregory Ashley Perron, M.D.	Affiliate CFC - Colleague	Family Medicine
<b>Charleston Medical Staff Change in Privileges</b>		
William Howell Jarrard, III, M.D.	Active	Neurology adding Orangeburg campus
<b>Charleston Professional Staff Initial Appointment and Clinical Privileges</b>		
Paige Baker, NP	Allied Health	Parkside Behavioral Health
Jordan Lee Bierman, RD	Allied Health	MUHA Dietitics
Catelyn Elizabeth Brookshier, RD	Allied Health	MUHA Dietitics
Suzanne Bufano, PhD	Allied Health	Mental Health
Taylor Clubb, RD	Allied Health	MUHA Dietitics
Angela Pipitone Dempsey, RD	Allied Health	MUHA Dietitics
Emily Barton Douglas, PA	Allied Health	OBGYN
Christina Evangelista, CRNA	Allied Health	Anesthesia
Anna Danielle Hall, NNP	Allied Health	Pediatrics
Kristeen Lynn Hillier, DNP	Allied Health	OBGYN
Todd Jeremy Metz, DNP	Allied Health	Anesthesia
Lauren Dubose Neese, APRN	Allied Health	Medicine
Jessica Gunn Robinson, PA	Allied Health	Otolaryngology - Head & Neck Surgery
Laura Brookshire Romeo, DPT	Allied Health	OBGYN

Sarah Brice Russo, MD	Allied Health	Psychiatry
Elizabeth Blackwell Sapp, MSW	Allied Health	Mental Health
Savannah Michelle Weeks, RD	Allied Health	MUHA Dietetics
Erica Scheldt Wright, MSW	Allied Health	Mental Health
Julian Floyd Reese III, D.O.	Provisional Affiliate - Colleague - Other	Medicine
<b>Charleston Professional Staff Reappointment and Clinical Privileges</b>		
Vicki Emmerling Allen, P.A.C.	Allied Health	Medicine
Mary A Bergen, LCSW	Allied Health	Psychiatry
Joan Marie Cain, F.N.P.	Allied Health	Medicine
Terri Olivia Fowler, D.N.P.	Allied Health	Medicine
Lindsey Jeanne Hendrickson, D.N.P.	Allied Health	Medicine
Tina Kaminski, LISW-CP	Allied Health	Psychiatry
Donna Grace Laird Johnston, C.R.N.A.	Allied Health	Anesthesiology
Brian E Lozano, Ph.D.	Allied Health	Psychiatry
Julie Hocutt Mansfield, P.A.C.	Allied Health	Surgery
Kiira Kathryn Mendenhall, F.N.P.	Allied Health	Anesthesiology
Amy Spicer Noxon, AuD	Allied Health	Otolaryngology
Emmi P Scott, Ph.D.	Allied Health	Neurology
Joshua P Smith, Ph.D.	Allied Health	Psychiatry
Kathleen Graves Terry, P.A.C.	Allied Health	Surgery
Kailyn Marie Baker, A.T.C.	Provisional Allied Health	Orthopaedics
Jody E Crouch, A.P.R.N.	Provisional Allied Health	Surgery
Julianne Catherine Gant, O.D.	Provisional Allied Health	Ophthalmology
Anna Catherine Gilg, C.R.N.A.	Provisional Allied Health	Anesthesiology
Jillian Margaret Grzeskiewicz, A.P.R.N.	Provisional Allied Health	Department of Nursing
Michael Martz, C.R.N.A.	Provisional Allied Health	Anesthesiology
Meghan Hill Pattavina, C.R.N.A.	Provisional Allied Health	Anesthesiology
Elena Ann Piorkowski, A.P.R.N.	Provisional Allied Health	Neurosurgery
Alek Rapchak, M.S.	Provisional Allied Health	Radiation Oncology
Chelsea Anne Riddle, A.G.N.P.-C	Provisional Allied Health	Medicine
Jessica Marie Shearer, N.N.P.	Provisional Allied Health	Pediatrics
Kristen Gayeski Tinkler, O.D.	Provisional Allied Health	Ophthalmology
Alyssa Raquel Greene, A.P.R.N.	Provisional Allied Health - Colleague - Other	Pediatrics
<b>Charleston Professional Staff Reappointment and Change in Privileges</b>		
Elena Ann Piorkowski, APRN	Allied Health	Changing from neurosurgery to cardiothoracic surgery
<b>Charleston Professional Staff Change in Privileges</b>		
Elizabeth C Dickinson, APRN	Allied Health	Changing from anesthesia to medicine and hematology oncology
Eleta Donelan, PA	Allied Health	Changing from Adult Cardiac Surgery to Pediatric CT Surgery
Tiffany Doyle, NP	Allied Health	Changing from General Internal Medicine to Medicine/Hematology Oncology
<b>Orangeburg Medical Staff Initial Appointment and Clinical Privileges</b>		
Brett Heller, M.D.	Telemedicine by-proxy	Radiology
Daniel Luu, M.D.	Telemedicine by-proxy	Radiology
Sapna Dhawan, M.D.	Locum Tenens	Psychiatry
Steve Han, M.D.	Locum Tenens	Hospitalist
Janelle Miller, D.O.	Locum Tenens	Neurology
Donald Nordstrom, MD	Locum Tenens	Radiation Oncology
Nael Saad, M.D.	Locum Tenens	Radiology
Rebecca Tarlton, M.D.	Locum Tenens	Radiation Oncology
<b>Orangeburg Professional Staff Initial Appointment and Clinical Privileges</b>		
Sandra Chaplin, NP	Allied Health - Remote	Surgery
Rachel Danford, NP	Allied Health - Remote	Cardiology



<b>MUSC - Florence Credentialing Applications - May 8, 2023</b>			
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Requesting</b>
<b>Initial Appointment and Clinical Privileges;</b>			
James Greyard, MD	MUSC Florence	Anesthesiology	Active
Bryce Jacob Busenlehner, MD	MUSC Florence	Anesthesiology	Active
Sung Wook Choi, MD	MUSC Florence	Anesthesiology	Active
Daniele C. Parise, MD	MUSC Florence	Anesthesiology	Active
Larry Grubb, MD	MUSC Florence	Hematology-Oncology	Active
Samuel Alan Smith, CRNA	MUSC Florence	Anesthesiology	Allied
Matthew Halliday, CRNA	MUSC Florence	Anesthesiology	Allied
Paul Hess, NP	MUSC Florence	Emergency Medicine	Allied
<b>Reappointment and Clinical Privileges;</b>			
Austin Cunningham, MD	MUSC Florence	Radiology	Consulting
Uchechukwu Egiubo, MD	MUSC Florence	IM- Hospitalist	Active
Jeffrey Dorociak, MD	MUSC Florence	Medicine- Gastroenterology	Active
Pamela Gizzo, MD	MUSC Florence	Emergency Medicine	Active
Rozi Kahn, MD	MUSC Florence	Medicine - Hospitalist	Active
Opeyemi Komolafe, MD	MUSC Florence	Medicine - Hospitalist	Active
James O'Kelly, MD	MUSC Florence	Surgery- Urology	Active
Karthik Tanneru, MD	MUSC Florence	Surgery - Urology	Active
Joshua Tavernier, MD	MUSC Florence	Radiology	Active
Brian Thurber, MD	MUSC Florence	Radiology	Consulting
<b>Telemedicine:</b>			
Christopher K. Cheng, MD	MUSC Florence	IONM - Neurology	Tele-Medicine
David Valentine, MD	MUSC Florence	IONM - Neurology	Tele-Medicine
William VanNess, III., MD	MUSC Florence	IONM - Neurology	Tele-Medicine
Ken Fujimura, MD	MUSC Florence	IONM - Neurology	Tele-Medicine
<b>MUSC - Marion Credentialing Applications - May 8, 2023</b>			
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Requesting</b>
<b>Initial Appointment and Clinical Privileges;</b>			
Daniele Parise, MD	MUSC Marion	Anesthesiology	Active
David M Gaggini, CRNA	MUSC Marion	CRNA	Allied
Matthew Halliday, CRNA	MUSC Marion	CRNA	Allied
Paul Hess, NP	MUSC Marion	Emergency Medicine	Allied
<b>Reappointment and Clinical Privileges;</b>			
Sibonokuhle Tizora, MD	MUSC Marion	Pediatrics	Active
Brian Thurber, MD	MUSC Marion	Radiology	Active
Joshua Tavernier, MD	MUSC Marion	Radiology	Active
Bamidele Ajibola, MD	MUSC Marion	IM/Hospitalist	Active
Valerie Burke, MD	MUSC Marion	OB-GYN	Courtesy
Austin Cunningham	MUSC Marion	Radiology	Active
Joseph Grossman, MD	MUSC Marion	Pathology	Consulting
Rozi Kahn, MD	MUSC Marion	IM/Hospitalist	Active
Kenneth Ries, MD	MUSC Marion	Pathology	Consulting
Mark D. Roberts, MD	MUSC Marion	Pediatrics	Active
<b>Telemedicine; Status : Telemedicine</b>			
Shalika Whig Guram, MD	MUSC Marion	Tele-Psychiatry - SCDMH	By-Proxy
<b>MUSC - Black River Credentialing Applications - May 8, 2023</b>			
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Requesting</b>
<b>Initial Appointment and Clinical Privileges;</b>			
Julie Greene, CRNA	MUSC BRMC	CRNA	Allied
Matthew Halliday, CRNA	MUSC BRMC	CRNA	Allied
Melissa Parent, NP	MUSC BRMC	Hospitalist	Allied
David Moore Carson, PA	MUSC BRMC	Emergency Medicine	Allied
Romie Barnes, DO	MUSC BRMC	Emergency Medicine	Active
Andrew Press, MD	MUSC BRMC	Emergency Medicine	Active
Megan Kammerer, D.O.	MUSC BRMC	Emergency Medicine	Active
<b>Telemedicine; Status : Telemedicine</b>			

Mohamad H Bourji, MD	MUSC BRMC	Cardiology	By-Proxy
Parinita A. Dherange, MD	MUSC BRMC	Cardiology	By-Proxy
Abdallah Kamouh	MUSC BRMC	Cardiology	By-Proxy
Gregory May, MD	MUSC BRMC	Cardiology	By-Proxy
Ossama A. Rahman, MD	MUSC BRMC	Cardiology	By-Proxy
<b>MUSC Lancaster - Credentialing Agenda - May 9, 2023</b>			
Practitioner name	Practice Name	Specialty	Status Requesting
<b>Initial Appointment and Clinical Privileges; Status : Active</b>			
Abhijeet S. Nadkarni, M.D.	MUSC Critical Care	Critical Care	Active
Stephen Coarsey, M.D.	Health	OB/GYN	Active
Daniele C. Parise, M.D.	MUSC Anesthesia	Anesthesia	Active
Lisa T. Newsome, M.D.	MUSC Anesthesia	Anesthesia	Active
Samuel A. Smith, CRNA	MUSC Anesthesia	CRNA	AHP
<b>Reappointment and Clinical Privileges;</b>			
Monther Altiti, M.D.	Surgery	Gen Surgery/Transplant	Active
Paras Malhotra, M.D.	MUSC Critical Care	Critical Care	Active
Kent Sizemore, M.D.	Locums	OBGYN	Consulting
Deovyaas Sharma, M.D.	IM Specialist	Internal Medicine	Courtesy
Brian W. Thurber, M.D.	Carolina Radiology	Tele-Radiology	Consulting
Madhu S. Bajaj, M.D.	Hicuity	Tele ICU	Tele by Proxy
Jesse L. Chang, M.D.	Hicuity	Tele ICU	Tele by Proxy
Guy E. De Gent, M.D.	Hicuity	Tele ICU	Tele by Proxy
David S. Eshak, M.D.	Hicuity	Tele ICU	Tele by Proxy
Jennifer Cunningham-Farbstein, M.D.	Hicuity	Tele ICU	Tele by Proxy
<b>Reappointment and Clinical Privileges; Status : Allied Health Practitioner</b>			
Ulyesse C. Everall, III, A.P.R.N.	MUSC Primary Care	Medicine	AHP
Sheila Joy West, D.N.P., F. N.P.	Carolina Cardiology	Cardiology	AHP
<b>MUSC CHESTER - Credentialing Agenda - May 9, 2023</b>			
Practitioner name	Practice Name	Specialty	Status Requesting
<b>Initial Appointment and Clinical Privileges; Status : Active</b>			
Stephen Coarsey, M.D.	MUSC Womens Health	Gynecology	Active/RHC
Jennifer Gregory, F. N.P.	Core Clinical	Hospitalist	AHP
Marcia A. Iszard, CRNA	MedStream	CRNA	AHP
Sheena C. Morris, CRNA	MedStream	CRNA	AHP
<b>MUSC Columbia - Credentialing Applications - May 2023</b>			
Practitioner name	Practice Name	Specialty	Status Requesting
<b>Initial Appointment and Clinical Privileges</b>			
Bryce Busenlehner, M.D.	MUSC Health Columbia Anesthesiology	Anesthesiology	Active
Sung Choi, M.D.	MUSC Health Columbia Anesthesiology	Anesthesiology	Active
Daniele C. Parise, M.D.	MUSC Health Columbia Anesthesiology	Anesthesiology	Active
<b>Reappointment and Clinical Privileges;</b>			
Paul Morgan Aitchison, M.D.	Prisma Health Medical Group	Radiology	Active
Henry Cooper Black, III, M.D.	Prisma Health Medical Group	Radiology	Active
Douglas Middleton Bull, M.D.	Prisma Health Medical Group	Radiology	Active
Robert Joseph Collins, III, M.D., M.P.H.	South Carolina Oncology Associates	Oncology	Active
Frederick William Dreyer, III, M.D.	Prisma Health Medical Group	Radiology	Active
John Edsel Garrick, Jr., M.D.	Prisma Health Medical Group	Radiology	Active
Edward Anthony Gize, M.D.	Prisma Health Medical Group	Radiology	Active
Cole Blease Graham, III, M.D.	Prisma Health Medical Group	Radiology	Active
Harry Simms Hardin, IV, M.D., B.S.	Prisma Health Medical Group	Radiology	Active
Charles Michael Heaton, M.D.	Prisma Health Medical Group	Radiology	Active
Charles Rast Hubbard, Jr., M.D.	Prisma Health Medical Group	Radiology	Active
Derek Prainorut Jakes, M.D.	Prisma Health Medical Group	Radiology	Active
Sheila Bertha Jones, M.D.	Prisma Health Medical Group	Radiology	Active

John William Lauver, M.D.	Prisma Health Medical Group	Radiology	Active
Lawrence Ren Lough, M.D.	Prisma Health Medical Group	Radiology	Active
Mark Adams Lovern, M.D.	Prisma Health Medical Group	Radiology	Active
Jason Charles Lynn, M.D.	Prisma Health Medical Group	Radiology	Active
Matthew Alexander Marcus, M.D.	Prisma Health Medical Group	Radiology	Active
Douglas Mitchell McConnell, M.D.	Prisma Health Medical Group	Radiology	Active
William David Meredith, M.D.	Prisma Health Medical Group	Radiology	Active
David Timothy Powell, Jr., M.D.	Prisma Health Medical Group	Radiology	Active
William John Savoca, M.D.	Prisma Health Medical Group	Radiology	Active
T. Daniel Silvester, M.D.	Prisma Health Medical Group	Radiology	Active
Alexis Lewis Stroman, M.D.	Apogee Physicians	Hospitalist	Active
Matthew Joseph Taffoni, M.D.	Prisma Health Medical Group, Department of Radio	Radiology	Active
<b>Proctoring</b>			
Bidwell, Katrina, MD	MUSC Health Heart & Vascular	Cardiology	Active
<b>MUSC Kershaw - Credentialing Applications - May 2023</b>			
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Requesting</b>
<b>Initial Appointment and Clinical Privileges</b>			
Jonathan Daly, DO	MUSC Health Elgin Urgent Care	Urgent Care	Active
Alexandra Witherspoon, MD	MUSC Health Elgin Urgent Care	Urgent Care	Active
<b>Reappointment and Clinical Privileges;</b>			
Vlastimil Smetka, M.D.	Apogee Physicians	Hospitalist	Active
Douglas Haas Jones, MD	Apogee Physicians	Hospitalist	Active
Rolyn Paster Te, MD	Apogee Physicians	Hospitalist	Active
Jessica Anne Wynkoop, P.A.	SCENT	Otolaryngology	AHP
Carey Ray, P.A.C.	SCENT	Otolaryngology	AHP
Lawrence Edward Klein, MD	Professional Pathology Services	Pathology	Courtesy
Bradley Jess Marcus, MD	Professional Pathology Services	Pathology	Courtesy
Charles Michael Heaton, M.D.	Prisma Radiology	Radiology	Active
Charles R Hubbard, Jr., M.D.	Prisma Radiology	Radiology	Active
Derek Prainorut Jakes, M.D.	Prisma Radiology	Radiology	Active
Sheila B Jones, M.D.	Prisma Radiology	Radiology	Active
John William Lauver, M.D.	Prisma Radiology	Radiology	Active
Lawrence Ren Lough, M.D.	Prisma Radiology	Radiology	Active
Mark Adams Lovern, M.D.	Prisma Radiology	Radiology	Active
Jason Charles Lynn, M.D.	Prisma Radiology	Radiology	Active
Matthew Alexander Marcus, M.D.	Prisma Radiology	Radiology	Active
Douglas Mitchell McConnell, M.D.	Prisma Radiology	Radiology	Active
William David Meredith, M.D.	Prisma Radiology	Radiology	Active
David Timothy Powell, Jr., M.D.	Prisma Radiology	Radiology	Active
William John Savoca, M.D.	Prisma Radiology	Radiology	Active
T. Daniel Silvester, M.D.	Prisma Radiology	Radiology	Active
Vladimir Starcevic, M.D.	Prisma Radiology	Radiology	Active
Matthew Joseph Taffoni, M.D.	Prisma Radiology	Radiology	Active

<b>MUSC - Florence Credentialing Applications – June 12 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Request</b>	
<b>Initial Appointment and Clinical Privileges;</b>				
Sergei Ivantchev, MD	MUSC Florence	EMM	Active	
Richard J Crill, MD	MUSC Florence	EMM	Active	
Andrew Ohar, DO	MUSC Florence	EMM	Active	
Brenda S Mihalakis NP	MUSC Florence	EMM	Allied	
Christopher Jensen, MD	MUSC Florence	EMM	Active	
Justin Osean, NP	MUSC Florence	EMM	Allied	
Carey Brewbaker MD	MUSC Florence	Anesthesiology	Active	
Andrew Klein, MD	MUSC Florence	Anesthesiology	Active	
Victoria Vogle, MD	MUSC Florence	Anesthesiology	Active	
Lisa T Newsome, MD	MUSC Florence	Anesthesiology	Active	
Najah Waters, MD	MUSC Florence	PM&R (Locums)	Active	
Andres Escobar Camargo	MUSC Florence	Pulmonary	Active	
<b>Reappointment and Clinical Privileges;</b>				
Rose Basnyat, MD	MUSC Florence	Hospitalist	Active	
Ivan Chernev, MD	MUSC Florence	PM&R	Active	
Parinita Dherange, MD	MUSC Florence	Cardiology	Active	
Coleman Floyd, MD	MUSC Florence	Anesthesiology	Active	
Ketu D Patel, MD	MUSC Florence	Radiology (CRA-Flor)	Active	
Emanuel Rivera-Rosado MD	MUSC Florence	Orthopaedic Surgery	Active	
Nicholas White, MD	MUSC Florence	Orthopaedic Surgery	Active	
Jordana Baker, DPM	MUSC Florence	Podiatry	Consulting	
Jessica Nicole Fink, DPM	MUSC Florence	Podiatry	Consulting	
Karis Elena Kellnar, PA	MUSC Florence	EMM	Allied Health	
Chloe Walbourne PA	MUSC	EMM	Allied Health	
<b>Telemedicine:</b>				
Edward Barton, MD	MUSC Florence	IONM	Tele-Med	Initial Appt
Sonal Bhatia, MD	MUSC Florence	Tele-EEG	By-Proxy	Reappointment
Jonathan Charles Edwards	MUSC Florence	Tele-EEG	By-Proxy	Reappointment
Jonathan J Halford, MD	MUSC Florence	Tele-EEG	By-Proxy	Reappointment
Ekrem Kutluay, MD	MUSC Florence	Tele-EEG	By-Proxy	Reappointment
Sarah E Schmitt, MD	MUSC Florence	Tele-EEG	By-Proxy	Reappointment
<b>Additional Privileges</b>				
Jon Dubose, MD	MUSC Florence	Intubation, RSI	Hospitalist	
Ashton Godwin, NP	MUSC Florence	Hematology Oncology	Hospitalist	
<b>Resignations</b>				
Meenakshi Pande, MD	MUSC Florence	Endocrinology	Independent	
Brittany Smith, PA	MUSC Florence	EMM		
John McKinnon, MD	MUSC Florence	Tele-Infectious Disease		
Paige Kight, NP (Dr	MUSC Florence	Family Medicine		
Devanand Dominique, MD	MUSC Florence	Neuro-Surgery		
Wassef Karrowni, MD	MUSC Florence	Cardiology		
Altaf Ahmed, MD	MUSC Florence	PM&R (Locums)		
Allen Abernethy, RA	MUSC Florence	Radiology Assistant		
<b>MUSC – Marion Credentialing Applications – June 12, 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Request</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges;</b>				
Richard Crill, MD	MUSC Marion	EMM	Active	
Lisa Newsome, M	MUSC Marion	Anesthesiology	Active	
Christopher Jensen, MD	MUSC Marion	EMM	Active	
Brenda Makalis, NP	MUSC Marion	EMM	Allied Health	
Justin Osean, NP	MUSC Marion	EMM	Allied Health	
Stephen Dersch, MD	MUSC Marion	Hospitalist	Active	
David Blalock, MD	MUSC Marion	Hospitalist	Active	
Katherina Tillan-Hsia, MD	MUSC Marion	Hospitalist	Active	
Maria Rivera, MD	MUSC Marion	Hospitalist	Active	
<b>Reappointment and Clinical Privileges;</b>				
Pamela J Gizzo, MD	MUSC Marion	EMM	Active	
Opeyemi O. Komolofe, MD	MUSC Marion	Hospitalist	Active	

Gangatharan Mathisuthan,	MUSC Marion	IM	Active	
Iris Norris, MD	MUSC Marion	Family Medicine	Active	
GopalaKrishnan Parakkat,	MUSC Marion	Surgery	Active	
Keto Dinesh Patel, MD	MUSC Marion	Radiology		
Uchechukwa M Egbujo, MD	MUSC Marion	Hospitalist	Active	
<b>Additional Privileges</b>				
Ashton Godwin, NP	MUSC Marion	Hematology Oncology		
Jon Dubose, MD	MUSC Marion	Intubation, RSI		
<b>Telemedicine; Status : Telemedicine</b>				
Chirantan Banerjee, MD	MUSC Marion	Tele-Neuro Stroke	By-Proxy	Reappointment
<b>MUSC - Black River Credentialing Applications - June 12, 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Request</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges;</b>				
David Arrington, MD	MUSC BRMC	Radiology	Consulting	
Richard Crill, MD	MUSC BRMC	EMM	Active	
Sergei Ivantchev, MD	MUSC BRMC	EMM	Active	
Christopher Jensen, MD	MUSC BRMC	EMM	Active	
Radan Halllaba, MD	MUSC BRMC	EMM	Active	
Reda Hallaba, MD	MUSC BRMC	EMM	Active	
Brenda S Mihalakis, NP	MUSC BRMC	EMM	Allied Health	
Justin Osean, NP	MUSC BRMC	EMM	Allied Health	
Carlton Jenkins, NP	MUSC BRMC	Hospitalist	Allied Health	
Katherina Tillan-Hsia MD	MUSC BRMC	Hospitalist	Active	
David Blalock, MD	MUSC BRMC	Hospitalist	Active	
Maria Rivera, MD	MUSC BRMC	Hospitalist	Active	
Kristy Jo Kethe, CRNA	MUSC BRMC	CRNA	Allied Health	
<b>Reappointment and Clinical Privileges;</b>				
N/A				
<b>Telemedicine; Status : Telemedicine</b>				
N/A				
<b>Additonal Privileges</b>				
Ashton Godwin, NP	MUSC Marion	Hematology Oncology		
Jon Dubose, MD	MUSC Marion	Intubation, RSI		
<b>MUSC LANCASTER - Credentialing Agenda - June 13, 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status</b>	<b>Comments</b>
<b>Initial Application and Clinical Privileges; Status : Active</b>				
Mesrop Ayrapetyan, M.D.	York Pathology	Pathology	Active	
Christine Green, M.D.	MUSC	Pediatrics	Active	
Jenna Warden, FNP	Core Clinical	Hospitalist	AHP	
Katie Fogle, FNP	Palmetto Medical	Palliative Care	AHP	With Dr. Amit Shah
<b>Reappointment and Clinical Privileges;</b>				
Mebrahtom W. Tesfai, M.D.	Core Clinical	Hospitalist	Active	
Robert Tettah Adrah, M.D.	Nephro Assoc	Nephrology	Active	
Prince M. Anand, M.D., FACP	MUSC Transplant	Nephrology	Active	
Matthew J. Geswell, M.D.	MUSC Ortho	Orthopaedics	Active	
Robert N. Ezewuiro, D.P.M.	Carolina Podiatry	Podiatry	Active	
Ketu Dinesh Patel, M.D.	Carolina Radiology	Radiology	Active	
Adarsh K. Srivastava, M.D.	MUSC	Critical Care	Active	
Douglas L. Tiedt, M.D.	MUSC	Obstetrics/GYN	Active	
Jahan J. Mohiuddin, M.D.	Southeast Oncology	Radiation Oncology	Consulting	
Matthew C. Ward, M.D.	Southeast Oncology	Radiation Oncology	Consulting	
Katlin Ann O'Hara, D.P.M.	Carolina Podiatry	Podiatry	Courtesy	
Timothy B. Owens, Jr., M.D.	Eye & Laser Ctr.	Ophthalmology	Courtesy	
Christopher D. Sepe, C.R.N.A.	MUSC	CRNA	AHP	
<b>Telemedicine; Status : Telemedicine - By Proxy - Reappointment</b>				
Benjamin David Potter, M.D.	SCDMH	Tele-Psychiatry	Telemed-By Proxy	
Gregory Eschol Smith, M.D.	SCDMH	Tele-Psychiatry	Telemed-By Proxy	
Ashwin Kumar Mani, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Anthony M. Migura, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
David Mark Nierman, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Francis D. Ntimba, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	

Nagarajan Ramakrishnan, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Lisa Rho, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Adarsh Sahni, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Gary Shih, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Rael David Sundy, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Iman A. Hassan, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Warren Isakow, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Daniel A. Katzman, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Edward F. Kilb, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Bryan A. Zorko, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Ramesh Venkataraman, M.D.	Hicuity Health	Tele-Critical Care	Telemed-By Proxy	
Dalila Lewis, M.D.	MUSC Tele	Tele-Neurology	Telemed-By Proxy	
Charles S. Teizeira, D.O.	MUSC Tele	Tele-Infectious Dis	Telemed-By Proxy	

**MUSC CHESTER - Credentialing Agenda - June 13, 2023**

Provider Name	Practice Name	Specialty	Status	Comments
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**Initial Application and Clinical Privileges; Status : Active**

Mesrop Ayrapetyan, M.D.	York Pathology	Pathology	Active	
Christine Green, M.D.	MUSC	Pediatrics	Active-RHC	

**Reappointment and Clinical Privileges;**

Lorrie R. Mello-Shropshire, M.D.	MUSC	Pediatrics	Active-RHC	Board Waiver Approved
Swapna Paladugu, M.D.	MUSC	Family Medicine	Active-RHC	
Ketu Dinesh Patel, M.D.	Carolina Radiology	Radiology	Active	
Monther Saud Altiti, M.D.	MUSC	General Surgery	Courtesy	
William J. Bicket, M.D.	Healogics	Wound Care	Courtesy	
Naomi Asamoah-Beaufait, FNP	Carolina Heart	Cardiology	AHP	
Kyndal L. Funderburk, F-NP	Core Clinical	Hospitalist	AHP	ACLS/Scope
Cheryl L. Schosky, C.R.N.A.	MedStream	CRNA	AHP	

**Reappointment Telemedicine; Status : Consulting**

Austin T. Cunningham, M.D.	Carolina Radiology	Tele-Radiology	Consulting	
Elizabeth Burguieres, M.D.	SCDMH	Tele-Psychiatry	Tele-By-Proxy	
Shalika Whig Guram, M.D.	SCDMH	Tele-Psychiatry	Tele-By-Proxy	

**New Privileges**

Michael Foster, MD	Cardiology	Echocardiogram and Nuclear Med Interpretations		
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**MUSC Columbia - Credentialing Applications - June 2023**

Practitioner name	Practice Name	Specialty	Status	Comments
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**Initial Appointment and Clinical Privileges**

Carey Lewis Brewbaker, M.D., B.S.	MUSC Health Anesthesiology	Anesthesiology	Active	
Brantley Dick, M.D., B.S.	MUSC Health Emergency Medicine	Emergency Medicine-	Active	
James William Greyard, M.D.	MUSC Health Anesthesiology	Anesthesiology	Active	
Andrew Glenn Klein, M.D.	MUSC Health Anesthesiology	Anesthesiology	Active	
Lisa Testa Newsome, M.D., D.M.D.	MUSC Health Anesthesiology	Anesthesiology	Active	
Samuel Alan Smith, C.R.N.A.	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	
Mallory Marie Cauthen, P.A.C., B.Sc., A.S.	MUSC Health Neurosurgery	Neurosurgery	Allied Health Professional	
Marcia Andrea Iszard, C.R.N.A.	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	
William M Luce, A.D.N., B.S.N., MBS	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	

**Reappointment and Clinical Privileges;**

Jourdan Tyler Aromin, M.D.	Qler Solutions	Telepsychiatry - MD/DO	Active	
Mohamed Medhat El Geneidy, M.D.	SC Oncology Assoc.	Hematology/Oncology	Active	

Radwan S Hallaba, M.D.	MUSC Health Emergency Medicine - Fairfield	Emergency Medicine	Active	
Edwin Bruce Hayes, II, M.D.	Prisma Health Immunology	Infectious Diseases	Active	
Benson Ross Langdon, M.D.	Prisma Health Medical Group, Department of Radiology	Diagnostic Radiology	Active	
Elisabeth Schmitt, D.O.	Apogee Physicians	Hospitalist	Active	
Michael Allen Schmitt, D.O.	Apogee Physicians	Hospitalist	Active	
John Frank Vullo, M.D., B.A.	MUSC Health Anesthesiology	Anesthesiology	Active	
Morgan Yarborough Boatwright, F.N.P.	SC Oncology Assoc.	Hematology/Oncology	Allied Health Professional	
Jordan Coleman, C.R.N.A.	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	
Carey Ray, B.S., P.A.C.	SC ENT, Allergy & Sleep Medicine	Otolaryngology	Allied Health	
<b>Proctoring</b>				
Bidwell, Katrina, MD	MUSC Health Heart & Vascular	Cardiology	Active	
Bidwell, Katrina, MD	MUSC Health Heart & Vascular	Cardiology	Active	
<b>MUSC Kershaw - Credentialing Applications - June 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges</b>				
Brantley Dick, M.D., B.S.	MUSC Health Emergency Medicine	Emergency Medicine	Active	
Marcia Andrea Iszard, C.R.N.A.	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	
William M Luce, A.D.N., B.S.N., MBS	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	
Samuel Alan Smith, C.R.N.A.	MUSC Health Anesthesiology	Anesthesiology	Allied Health Professional	
Julie Moize, NP	MUSC Health Emergency Medicine	Emergency	Allied Health	
Cheryl Whittaker, NP	MUSC Health Emergency Medicine -	Emergency	Allied Health	
<b>Reappointment and Clinical Privileges;</b>				
John Vullo, MD	MUSC Health Anesthesiology	Anesthesiology	Active	
Ashraf Chattha, MD	Carolina Kidney Specialists, LLC	Nephrology	Courtesy	
Muhammad Rafiq, MD	Carolina Kidney Specialists, LLC	Nephrology	Courtesy	
Abdul Usmani, MD	Carolina Kidney Specialists, LLC	Nephrology	Courtesy	
John Baker, MD	Colonial Neurology	Neurology	Courtesy	
Robert Bradley, MD	Professional Pathology Services, LLC	Pathology	Active	
Devin Troyer, MD	Encompass Health Rehabilitation	Physical Medicine	Courtesy	
Gary Culbertson	Plastic & Reconstructive Surgery of	Plastic Surgery	Courtesy	
Paul Aitchison, MD	Prisma Radiology	Radiology	Active	
Henry Black III, MD	Prisma Radiology	Radiology	Active	
Jonathan Botstein, MD	Prisma Radiology	Radiology	Active	
Douglas Bull, MD	Prisma Radiology	Radiology	Active	
Frederick Dreyer, III, MD	Prisma Radiology	Radiology	Active	
Jason Eastlack, MD	Prisma Radiology	Radiology	Active	
John Garrick, Jr., MD	Prisma Radiology	Radiology	Active	
Kevin Garrett, Jr. MD	Prisma Radiology	Radiology	Active	
Kevin Gibbs, MD	Prisma Radiology	Radiology	Active	
Edward Gize, MD	Prisma Radiology	Radiology	Active	
Harry Hardin, IV, MD	Prisma Radiology	Radiology	Active	
Benson Langdon, MD	Prisma Radiology	Radiology	Active	
<b>Telemedicine by Proxy</b>				
Tung Giep, MD	MUSC Telehealth	Neonatology	By Proxy	
Lori Beth Huff, MD	MUSC Telehealth	Neonatology	By Proxy	

MUSC LANCASTER DIVISION - JULY 11, 2023				
Practitioner name	Practice Name	Specialty	Status Requesting	COMMENTS
<b>Initial Appointment and Clinical Privileges; Status : Active</b>				
Paul M. Fisher, M.D.	MUSC	Anesthesia	Active	
Robert E Bowen, M.D.	Innovative Staff	Anesthesia	Active	
Jonathan A. Silva, M.D.	Innovative Staff	Anesthesia	Active	
Richard D. Grinstead, D.O.	Carolina Radiology	Radiology	Active	
Jennifer M, Gregory, FNP-BC	MUSC	Emergency Medicine	AHP	
Jewel M. Harris, PMHNP	Core Clinical	Psychiatry	AHP	
Mark J Lysiak, P.A.C.	Carolina Blood	Hema/Oncology	AHP	
Allyn Miller-James, C.R.N.A.	MUSC	CRNA	AHP	
Jillian Marie Price, C.R.N.A.	MUSC	CRNA	AHP	
<b>Initial Appointment and Clinical Privileges; Status : Consulting</b>				
Marc Dean New, M.D.	Weatherby	Gastroenterology	Consulting	Temps granted 5-30-23
Shelby A. Holland, D.O.	Carolina Radiology	Tele-Radiology	Consulting	
Meenakshi Parmar, M.D.	Core Clinical	Psychiatry	Consulting	
Genta Uehara, M.D.	MUSC	Transplant Nephro	Consulting	
Sakshi Vaishnav, M.D.	MUSC	Transplant Nephro	Consulting	
<b>Initial Telemedicine; Status : Telemedicine By Proxy</b>				
David A. Justice, M.D.	SCDMH	Telepsychiatry	Consulting	
Sien Rivera, M.D.	SCDMH	Telepsychiatry	Consulting	
Kelly Marie Engle, M.D.	MUSC	TeleEndocrinology	Telemed-By Proxy	
William H. Jarrard, III, M.D.	MUSC	Tele-Stroke/Neuro	Telemed-By Proxy	
Alexandra Parashos, M.D.	MUSC	Tele-Stroke/Neuro	Telemed-By Proxy	
<b>ADDITIONAL PRIVILEGES</b>				
Stephen Coarsey, MD-OBGYN	Da Vinci-Hysterectomy, Myomectomy, Adnexal Surgery (recommends first 5 cases for review)			
<b>STATUS CHANGE TO HONORARY</b>				
James Maynard, MD	Pathology			
Everette Jenkins, MD	Pathology			
<b>MUSC CHESTER</b>				
Practitioner name	Practice Name	Specialty	Status Requesting	COMMENTS
<b>Initial Appointment and Clinical Privileges; Status : Active</b>				
Richard D. Grinstead, D.O.	Carolina Radiology	Int. Radiology	Active	
Kimberly R. Anderson, AGACNP	Core Clinical	NP-Hospitalist	AHP	
Nathan Davis, M.D.	MUSC	Neurosurgery	Consulting	
<b>Initial Appointment and Clinical Privileges; Ambulatory/Rural Health Care</b>				
Lisa Marie Wright, M.D.	Ron McNair	Medicine	Amb/Rural Health	
Matthew Bingham, PA-C	Express Care	Medicine	Amb. Rural Health	
<b>Initial Appointment and Clinical Privileges; Status : Consulting Telemedicine</b>				
Shelby A. Holland, D.O.	Carolina Radiology	Tele-Radiology	Consulting	
<b>Initial Appointment and Clinical Privileges; Status : Telemed By Proxy</b>				
Solomon N. Chesoni, M.D.	Midlands Card	Tele-Cardiology	Telemed-By Proxy	
David A. Justice, M.D.	SC DMH	Tele-Psychiatry	Telemed-By Proxy	
Sien Rivera, M.D.	SC DMH	Tele-Psychiatry	Telemed-By Proxy	
Kelly M. Engle, M.D.	MUSC	Tele-Endocrinology	Telemed-By Proxy	
Alexandra Parashos, M.D.	MUSC	Tele-Stroke/Neuro	Telemed-By Proxy	
William H. Jarrard, III, M.D.	MUSC	Tele-Stroke/Neuro	Telemed-By Proxy	
<b>REAPPOINTMENT APPLICATIONS</b>				
William J. Bicket, MD	Healogics	Wound Care	Courtesy	
<b>STATUS CHANGE TO HONORARY</b>				
James Maynard, MD				
Everette Jenkins, MD				
<b>MUSC - Florence Credentialing Applications – July 10, 2023</b>				
Practitioner name	Practice Name	Specialty	Status Request	Comments
<b>Initial Appointment and Clinical Privileges;</b>				
Robert Bowen, MD	MUSC Florence	Anesthesiology	Active	
Paul Fisher MD	MUSC Florence	Anesthesiology	Active	
Richard Grinstead, DO	MUSC Florence	Radiology	Active	
Mamikon Guskasov, MD	MUSC Florence	Anesthesiology	Active	
Shelby Holland, DO	MUSC Florence	Radiology	Consulting	
Bogdon Irmies, DO	MUSC Florence	Emergency Medicine	Active	
Solomon Jan, MD	MUSC Florence	Hospitalist	Active	
Martin Jones, MD	MUSC Florence	Emergency Medicine	Active	
Jacob s. Kozacki, DO	MUSC Florence	InternalMedicine	Active	
Aimee R Matthews, NP	MUSC Florence	Family Medicine	Allied Health	
James M Cunningham, C.R.N.A.	MUSC Florence	CRNA	Allied Health	
Allyn S. Miller CRNA	MUSC Florence	CRNA	Allied Health	



David Carson Moore, PA	MUSC Florence	Emergency Medicine	Allied Health	
Giath A. Osman, MD	MUSC Florence	Gastroenterology	Active	
Ashish Parmar, DO	MUSC Florence	Hospitalist	Active	
Rajinder Parmer, MD	MUSC Florence	Gastroenterology	Active	
Sai D Potluri MD	MUSC Florence	Hospitalist	Active	
Jonathan Silva, MD	MUSC Florence	Anesthesiology	Active	
Arjun Varadarajan, MD	MUSC Florence	Anesthesiology	Active	
Kimberly Zibert, DO	MUSC Florence	Gastroenterology	Active	
Aftab Jafri, MD	MUSC Florence	Gen Surgery	Active	
<b>Reappointment and Clinical Privileges;</b>				
Charles Ayanleke, MD	MUSC Florence	Hospitalist	Active	
Tarek Bishara, MD	MUSC Florence	Pathology	Active	
Richard Davis, MD	MUSC Florence	Pediatrics	Active	
Sisay Debebe, MD	MUSC Florence	Infetious Disease	Active	
Antoine Finianos, MD	MUSC Florence	Hematology/Oncology	Active	
Innocent Iroetugo, MD	MUSC Florence	Hospitalist	Active	
Abdallah Kamouh, MD	MUSC Florence	Cardiology	Active	
Karthik Karanam, MD	MUSC Florence	Nephrology	Active	
Brittany L. McClannahan, CRNA	MUSC Florence	CRNA	Allied Health	
Matthew Murphy, CRNA	MUSC Florence	CRNA	Allied Health	
Elijah Owens, MD	MUSC Florence	Neurology	Active	
Jennifer Patchett, MD	MUSC Florence	OB-GYN	Active	
Margaret Hoffmeyer, MD	MUSC Florence	Family Medicine	Active	
John Pittard, MD	MUSC Florence	Nephrology	Active	
Larry Rabon, MD	MUSC Florence	Urology	Active	
Steven Ross, MD	MUSC Florence	InternalMedicine	Active	
Deborah aylor, MD	MUSC Florence	Hospitalist	Active	
Catherine Soriano, PA	MUSC Florence	Neurosurgery	Allied Health	Dr Naso
<b>Telemedicine:</b>				
Kelly Engle, MD	MUSC Florence	Tele-Endocrinology	MUSC By-Proxy	Initial Appointment
Alexandria Parashos, MD	MUSC Florence	Tele-Endocrinology	MUSC By-Proxy	Initial Appointment
David Justice, MD	MUSC Florence	Tele-Psychiatry	SCDMH By-Proxy	Initial Appointment
Sien Rivera, MD	MUSC Florence	Tele-Psychiatry	SCDMH By-Proxy	Initial Appointment
Brittany Albright, MD	MUSC Florence	Tele-Psychiatry	SCDMH By-Proxy	Reappointment
<b>MUSC – Marion Credentialing Applications – July 10, 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Request</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges;</b>				
Robert Bowen, MD	MUSC Marion	Anesthesiology	Active	
Paul Fisher MD	MUSC Marion	Anesthesiology	Active	
Shelby Holland, DO	MUSC Marion	Radiology	Active	
Bogdon Irmies, DO	MUSC Marion	Emergency Medicine	Active	
Martin Jones, MD	MUSC Marion	Emergency Medicine	Active	
Allyn S. Miller CRNA	MUSC Marion	CRNA	Allied Health	
David Carson Moore, PA	MUSC Marion	Emergency Medicine	Allied Health	
Sai Potluri, MD	MUSC Marion	Hospitalist	Active	
Evan Welker, DO	MUSC Marion	Hospitalist	Active	
Ashish Parmar, DO	MUSC Marion	Hospitalist	Active	
Jonathan Silva, MD	MUSC Marion	Anesthesiology	Active	
<b>Reappointment and Clinical Privileges;</b>				
Charles Ayanleke, MD	MUSC Marion	Hospitalist	Active	
Rose Basnyat, MD	MUSC Marion	Hospitalist	Active	
Deborah Taylor, MD	MUSC Marion	Hospitalist	Active	
Karis Kellner, PA	MUSC Marion	Emergency Medicine	Allied Health	
Chloe Walbourne PA	MUSC Marion	Emergency Medicine	Allied Health	
<b>Telemedicine; Status : Telemedicine</b>				
Kelly Engle, MD	MUSC Marion	Tele-Endocrinology	MUSC By-Proxy	Initial Appointment
Alexandria Parashos, MD	MUSC Marion	Tele-Endocrinology	MUSC By-Proxy	Initial Appointment
David Justice, MD	MUSC Marion	Tele-Psychiatry	SCDMH By-Proxy	Initial Appointment
Sien Rivera, MD	MUSC Marion	Tele-Psychiatry	SCDMH By-Proxy	Initial Appointment
Brittany Albright, MD	MUSC Marion	Tele-Psychiatry	SCDMH By-Proxy	Reappointment
Sonia Bhatia, MD	MUSC Marion	Tele-Pediatric Neuro	MUSC By-Proxy	Reappointment
<b>MUSC - Black River Credentialing Applications - July 10, 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Request</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges;</b>				
Uchechuk Egbujo, MD	MUSC BRMC	Hospitalist	Active	
Paul Fisher, MD	MUSC BRMC	Anesthesiology	Active	
Allyn S Miller CRNA	MUSC BRMC	CRNA	Allied Health	

Dana Giarrizzi, DO	MUSC BRMC	Hospitalist	Active	
Shelby Holland, DO	MUSC BRMC	Radiology	Consulting	
Bogdon Irmies, DO	MUSC BRMC	Emergency Medicine	Active	
Solomon Jan, MD	MUSC BRMC	Hospitalist	Active	
Martin Jones, MD	MUSC BRMC	Emergency Medicine	Active	
Jennifer Turner, NP	MUSC BRMC	Hospitalist	Allied Health	
Oluwadamilola Daniel Odutola, MD	MUSC BRMC	Hospitalist	Active	
Ashish Parmar, DO	MUSC BRMC	Hospitalist	Active	
Boris Shkylar, DO	MUSC BRMC	Emergency Medicine	Active	
Opeyemi Komolafe, MD	MUSC BRMC	Hospitalist	Active	
Sai Deepika Potluri, MD	MUSC BRMC	Hospitalist	Active	
Ashish Parmar, DO	MUSC BRMC	Hospitalist	Active	
Adarsh Kumar Srivastava MD	MUSC BRMC	Emergency Medicine	Active	
Edward Tillitz, MD	MUSC BRMC	Hospitalist	Active	
Edward Twase, MD	MUSC BRMC	Hospitalist	Active	
Lane Wilner, MD	MUSC BRMC	Hospitalist	Active	
<b>Telemedicine; Status : Telemedicine</b>				
Kelly Engle, MD	MUSC BRMC	Tele-Endocrinology	MUSC By-Proxy	Initial Appointment
Alexandria Parashos, MD	MUSC BRMC	Tele-Endocrinology	MUSC By-Proxy	Initial Appointment
David Justice, MD	MUSC BRMC	Tele-Psychiatry	SCDMH By-Proxy	Initial Appointment
Sien Rivera, MD	MUSC BRMC	Tele-Psychiatry	SCDMH By-Proxy	Initial Appointment
<b>MUSC HEALTH MIDLANDS- Credentialing Applications - July 2023</b>				
<b>MUSC Columbia - Credentialing Applications - July 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Requesting</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges</b>				
Alexandra Parashos, MD	MUSC Health Charleston	Tele-Stroke/Neuro	By Proxy	
Allyn Miller-James CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	temps apvd 6/20/23
Amanda Lewis Kyzer, CRNA	MUSC Columbia and Kershaw	Anesthesiology	AHP	
Arjun Varadarajan, MD	MUSC Health Midlands Anesthesiology	Anesthesiology	Active	
Chetan Saini, MD	MUSC Health Columbia - Neurohospitalist	Neurology	Active	
Chrisopher Poggi, MD	MUSC Health Columbia Emergency Medicine	Emergency Medicine	Active	Pending residency verification
Hilary Frick, CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	temps approved 7/17/2023
Hailey Greenfield, CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	
Jonathan Aurelio Silva, MD	MUSC Health Anesthesiology	Anesthesiology	Active	
Katherine Kyle, NP	MUSC Health Charleston	Palliative Care	By Proxy	
Kelly Marie Engle, MD	MUSC Health Charleston	Endocrinology	By Proxy	
Lauren Kate Bergman, CRNA	MUSC Health Columbia Anesthesiology	Anesthesiology	AHP	
Nicolas Stanley Osborne, MD	MUSC Health Columbia Emergency Medicine	Emergency Medicine	Active	Pending residency verification
Paul Michael Fisher, MD	MUSC Health Columbia Anesthesiology	Anesthesiology	Active	Pending COI
Ramit Singla, MD	MUSC Health Columbia - Neurohospitalist	Neurology	Active	Pending residency verification
Robert E Bowen, MD	MUSC Health Anesthesiology	Anesthesiology	Active	
Robert Yardley Beesburg, Jr., MD	MUSC Health Anesthesiology	Anesthesiology	Active	
Shane Scott Parmer, MD	MUSC Health Vascular Surgery	Vascular Surgery	Active	
Pradhan, Taniya, MD	QLER Solutions	Tele-Psychiatry	By Proxy	
Thomas Lavie, MD	QLER Solutions	Tele-Psychiatry	By Proxy	
<b>Reappointment and Clinical Privileges;</b>				
Alexander Braun Milgrom, MD	Prisma Health Immunology	Infectious Disease	Active	
Clay Thomas Winkler, DO	MUSC Health Emergency Medicine	Emergency Medicine	Active	
David Pinkney, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
Deewan Deewan, MD	Carolina Kidney	Nephrology	Active	
Jandrette Atayae Rhoe, MD	MUSC Health Primary Care	Family Medicine	Active	
Jessica Elizabeth Newell, NP	MUSC Health Surgical Associates/Apogee	Surgery/Medicine	AHP	
John Daniel Gonzales, Jr., CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
Kristi H Williams, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	

Marc Elliott Kushinka, MD	MUSC Health Emergency Medicine	Emergency Medicine	Active	
Margaret Johnson Prewitt, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
Meagan Kirkley Branham, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
Michael Tony Beshay, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
Milford Berten Hutchinson, III, MD	MUSC Health Women's Health of Kershaw	OB/GYN	Active	
Ogheneruona Osehi Odili, MD	Prisma Health Immunology	Infectious Disease	Active	
Parneet Kaur Grewal, MD	MUSC Health Charleston	Neurology	By Proxy	
Reda S Hallaba, MD	MUSC Health Emergency Medicine - Fairfield	Emergency Medicine	Active	
Robyn Helms Lorick, NP	MUSC Health Heart & Vascular	Cardiology	AHP	
Sonal Bhatia, MD	MUSC Health Charleston	Neurology	By Proxy	
Stacey Sue Kerr, PA	MUSC Health Emergency Medicine	Emergency Medicine	AHP	
Susan H Beriault-Williams, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
Torrey Phillip Poholsky, DO	Apogee Physicians	Hospitalist	Active	
Travis Shelton Ansley, DO	MUSC Health Anesthesiology	Anesthesiology	Active	
Virginia Rose Kears, CRNA	MUSC Health Anesthesiology	Anesthesiology	AHP	
William Anderson Dunovant, Jr., MD	Apogee Physicians	Hospitalist	Active	
<b>Proctoring</b>				
Bidwell, Katrina, MD	MUSC Health Heart & Vascular	Cardiology	Active	Proctoring continues for Endovascular Interventions. Begin date: 06/28/2022 Needs 12 procedures
Bidwell, Katrina, MD	MUSC Health Heart & Vascular	Cardiology	Active	Proctoring continues for Mitral Clip Begin date: 06/28/2022 Needs 10 procedures
<b>MUSC Kershaw - Credentialing Applications - July 2023</b>				
<b>Practitioner name</b>	<b>Practice Name</b>	<b>Specialty</b>	<b>Status Requesting</b>	<b>Comments</b>
<b>Initial Appointment and Clinical Privileges</b>				
Lauren Bergman CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	
Paul Fisher MD	MUSC Health Midlands Anesthesiology	Anesthesiology	Active	Res. compl 6/30
Matthew Halliday CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	
Amanda Kyzer CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	
Allyn Miller-James CRNA	MUSC Health Midlands Anesthesiology	Anesthesiology	AHP	temps apvd 6/20
Charnele Jackson NP	MUSC Midlands Emergency Medicine	Emergency Medicine	AHP	
Stacey Kerr PA	MUSC Midlands Emergency Medicine	Emergency Medicine	Active	
Ashley Lowther (Kershaw) FNP-C	MUSC Midlands Emergency Medicine	Emergency Medicine	AHP	
Troy Mitchell, MD	MUSC Midlands Emergency Medicine	Emergency Medicine	Active	Granted temp privileges
Nicolas Osborne MD	MUSC Midlands Emergency Medicine	Emergency Medicine	Active	Res. compl 6/30
Christopher Poggi MD	MUSC Midlands Emergency Medicine	Emergency Medicine	Active	Res. compl 6/30
Jennifer Jones MD	Professional Pathology Services	Pathology	Active	
Daniel Ogden MD	Professional Pathology Services	Pathology	Courtesy	Res. compl 6/30
Nioaka Campbell MD	Weatherby Healthcare	Psychiatry	Active	temps granted 6/30/23
<b>Reappointment and Clinical Privileges;</b>				
Christopher Abraham DO	Prisma Health Radiology	Radiology	Active	
Samuel Adefeyisan MD	MUSC Health Midlands Anesthesiology	Anesthesia	Active	
Gary Dove MD	MUSC Health Midlands Anesthesiology	Anesthesiology	Active	
Lorone Washington MD	MUSC Health Emergency Medicine	Emergency Medicine	Active	
Deewan Deewan MD	Carolina Kidney Specialists	Nephrology	Courtesy	
Christine Hemphill Jones MD	MUSC Health Women's Health of Kershaw	OB/GYN	Active	

Milford (Bert) Hutchinson MD	MUSC Health Women's Health of Kershaw	GYN	Active		
Mohamed El Geneidy MD	SC Oncology Associates	Oncology	Courtesy		
Jacqueline Emery MD	Professional Pathology Services	Pathology	Active		
Hina Chaudhry MD	MUSC Health Pulmonary & Sleep	Sleep Medicine	Active		
<b>Telemedicine by Proxy</b>					
Kelly Engle MD	MUSC Health Charleston	Tele- Endocrinology	By Proxy		
Alexandra Parashos MD	MUSC Health Charleston	Tele- Stroke/Neuro	By Proxy		



**MUSC Health – Charleston Division  
QUALITY ASSURANCE &  
PERFORMANCE IMPROVEMENT PLAN  
2022 - 2023**

## **OVERVIEW:**

The Medical University of South Carolina Health System (MUSC Health) is committed to fostering an environment that promotes high quality care in all its domains: safe, timely, effective, equitable, efficient, and patient centered, in all locations of care. This commitment has developed into an institutional strategy that aligns governance, managerial and clinical support functions and personnel to continually assess our performance and proactively identify opportunities for enhancing quality and safety.

MUSC is comprised of the University (which is itself comprised of six Colleges), MUSC-Physicians (the practice plan), the MUSC Health (comprised of a network of one academic and several community hospitals, joint ventures, and affiliate partners). The MUSC Health clinical enterprise consists of all entities that are directly related to providing patient care. ***This plan focuses specifically on the MUSC Health – Charleston Division.***

This Quality Assurance and Performance Improvement (QAPI) Plan establishes the framework and structure for continually and systematically planning, designing, measuring, assessing and improving performance of system-wide key functions and processes that support high quality and safe patient care within the MUSC Health clinical enterprise. Central components of this network are as follows:

- Incorporate quality and safety planning throughout the enterprise;
- Create an organizational structure that allows units to integrate their improvement efforts and collaborate across unit and departmental boundaries;
- Communicate improvement efforts throughout the enterprise to foster institutional learning and encourage innovation and problem-solving at the unit level;
- Assure project prioritization, process design, and redesign are consistent with the mission, vision, and values;
- Foster institutional self-assessment exercises that benchmark our performance against best practices in all facets of quality and safety;
- Promote evidence-based practice and high-value care in all we do;
- Integrate error reduction and reliability procedures in all healthcare processes;
- Integrate the utilization of performance improvement principles in the daily activities of the workplace;
- Integrate the principles of High Reliability in all we do;
- Continuously enhance a Culture of Safety (Just Culture, Learning Culture, and Reporting Culture), continuous learning, and leadership engagement in all areas (components of High Reliability; Appendix B);
- Link the education of our students, trainees, and care team members to the science of quality and safety;
- Foster and support innovative approaches to enhance quality and safety;
- Enhance interprofessional team training and team work;
- Foster patient engagement as a safety strategy;
- Encourage provider wellness and safety programs as a safety strategy;
- Foster research and implementation science that critically examines how to improve quality and safety.

## **MUSC Health GOALS:**

### **Strategic Goal:**

We will be South Carolina's most preferred integrated health system

**Operational Goals:**

Service: Serving the public with compassion, respect, and excellence

People: Fostering team pride and loyalty

Quality and Safety: Providing high-quality and highly reliable patient care across all domains

Finance: Providing the highest value to patients while ensuring financial stability

Growth: Growing to meet the needs of those we serve

Innovation: Developing new ideas and practices

**MISSION STATEMENTS:**

The MUSC mission statement: We preserve and optimize human life in South Carolina and beyond through education, research, and patient care.

The Quality mission statement: Use evidence-based practice, high-reliability techniques, and innovation to ensure the highest value care for every patient.

**VISION STATEMENTS:**

The MUSC vision statement: Leading health innovation for the lives we touch

The Quality vision statement: Through influence and leadership, inspire the MUSC community to believe and achieve the highest value care for every patient

**ORGANIZATIONAL VALUES:**

The clinical enterprise relies upon a core set of values to achieve its stated mission. These values are as follows:

*Compassion*  
*Teamwork*  
*Diversity*  
*Accountability*  
*Innovation*

**QUALITY DEFINITION:**

The clinical enterprise adopts the Institute of Medicine’s definition of quality which is “the degree to which health services for individuals and populations increase the likelihood of desired health outcomes and are consistent with current professional knowledge”. All domains of quality as noted by the IOM are adopted: safe, timely, effective, efficient, equitable, and patient-centered.

**ORGANIZATIONAL QUALITY REVIEW GOVERNANCE:**

Quality and Safety is an interdisciplinary structure that drives and coordinates all improvement activities of the domains of quality within the enterprise. This structure represents a systematic organization-wide approach to planning for quality results. Through various committees and communication channels, improvement efforts are identified, prioritized, and quantified.

In general, there are two types of performance improvement projects. The first are the large-scale, organization-wide performance improvement projects. These projects are initiated by senior management to support key strategic and operational objectives. The second types of projects are the smaller-scale, service projects. These smaller projects are initiated from within any component of the organization and are reported in the component’s operational committees. When organization-wide projects are launched or completed, project milestones are approved by the Quality Executive Committee (QEC), comprised of ICCE and senior

leadership. Project progress is monitored/reported to the Quality IMPROVE committee, comprised of leaders from quality, performance improvement, ICCE units, and strategic partners.

The full quality agenda is monitored extensively by the QEC and the MEC. The QEC agenda is separated into 4 sections:

1. Event Reviews
2. IMPROVE projects
3. QAPI Reports
4. Strategic quality area reports

### **Event Reviews**

All significant events are investigated by MUSC Health risk-safety team, by means of a thorough and credible Root Cause Analysis (RCA) to determine whether the events are deemed a sentinel or serious safety event as defined in MUHA policy C-49. All event action plans are reviewed and approved by both the MEC and QEC. All action plans are assigned a champion, a process owner, and a performance improvement facilitator. The champion is expected to eliminate barriers in the implementation of the remedy. The process owner is expected to lead the team. The facilitator is expected to assist the process owner in adhering to the IMPROVE format (Appendix A).

### **IMPROVE projects**

IMPROVE projects are focused performance improvement projects that follow our IMPROVE methodology, which are identified by:

- Patients and families - Through complaints, comments, or patient satisfaction surveys.
- Care team members at all levels - Through voluntarily occurrence reports (patient safety intelligence), from representatives on the quality committee, culture of safety survey or employee engagement survey.
- Senior Leadership – When performance on goals falls below target
- External Benchmarks – From the review of quality/safety benchmark reports from external agencies or registries
- Regulatory Agencies and Healthcare Payors - The Joint Commission, Center for Medicare and Medicaid Services, Department of Health and Environmental Control, and other Health Care Payors.

Before a project can become a formal IMPROVE project, it is brought before the Quality IMPROVE committee and approved as a project. This is done to ensure interdisciplinary assessment of the project to properly assign resources and expectations of completions. All projects are assigned a champion, a process owner, and a qualified facilitator.

### **QAPI Reports**

Each ICCE and functional area has an active and high-functioning QAPI. The QAPI is chaired by the ICCE Chief or quality designee. The purpose of the QAPI is to identify quality opportunities and close gaps. The QAPI should focus on quality metrics that are publicly reported; quality metrics that are aligned with the strategic priorities of the unit; and quality opportunities identified from serious / sentinel events, regulatory surveys, or internal safety reports (e.g., SHIELD reports).



### **Strategic area quality reports**

Other areas that are strategically important to the quality structure will also report to QEC, based on the existing subcommittee infrastructure. Examples include Patient Safety, Infection Prevention, and the Value Institute.

## **MAJOR COMMITTEE GOVERNANCE:**

### ***The Board of Trustees:***

The MUSC Board of Trustees is responsible for the quality of patient care provided. The Board of Trustees requires the medical staff to implement and report on the activities and mechanisms for monitoring, assessing, and evaluating patient safety practices and the quality of patient care, for identifying and resolving problems, and for identifying opportunities to improve patient care and services or performance throughout the facility.

The Board of Trustees is supported by the MUSC policies, Medical Staff Bylaws and this QAPI Plan. The MUSC Board of Trustees delegates and directs the Hospital Administration and the Medical Staff to:

- Recommend the strategic direction.
- Require reports and mechanisms for monitoring and evaluating the quality of patient care services to include the frequency of monitoring.
- Provide resources and support systems for performance improvement functions related to patient care services and safety.
- Require mechanisms to assure that all patients with the same health problem are receiving comparable levels of care in MUSC Health.
- Review information needed to educate the Board members about their responsibility for the quality and safety of patient care.
- Evaluate the Quality and Performance Improvement (QAPI) Plan every other year.

### ***The Medical Executive Committee (MEC):***

The MUSC Medical Center MEC is comprised of senior physician and administrative leadership from all components of the clinical enterprise. The MEC has responsibility for overseeing, supporting, and evaluating the quality and safety structure and outcomes. This committee is the structure that ensures medical staff leadership and involvement in performance improvement and that ensures coordination and accountability among department chairpersons, faculty, and residents. The MEC delegates the responsibility of physician performance improvement to the Department Chairpersons. More specifically, the purpose of the MEC is to ensure high-quality, safe, patient-centered, and cost-effective care throughout MUSC's clinical enterprise.

### ***The MUSC Health Quality Executive Committee (QEC):***

The MUSC Health QEC, made up of senior leadership representing each of the ICCE units as well as other functional areas, oversees and coordinates the performance assessment and improvement activities within the organization. This group ensures that improvements are planned, designed, measured, analyzed, and sustained. More specifically, the QEC:

- Operationalizes improvement activities that are consistent with the MUSC Health Strategic Plan.
- Receives reports and acts on issues and initiatives that address each of the domains of quality.
- Uses performance data in the design and evaluation of new services or programs.
- Identifies improvement actions to be taken, assigns responsibility for each action, and ensures accountability for follow-through.

- Oversees analyses of sentinel and serious safety events and ensures appropriate risk reduction strategies are implemented.
- Oversees organizational proactive risk assessment (example - Failure Mode Effects and Analysis) and ensures appropriate risk reduction activities.
- Selects, prioritizes, and monitors the progress of the organization-wide quality improvement projects.
- Allocates financial resources necessary to support organization-wide quality improvement projects.
- Manages the flow of information to ensure effective communication and follow-up.
- Communicates performance assessment information and improvement activities to the MEC and MUSC Board of Trustees.
- Ensures that the quality and safety infrastructure meets regulatory standards.
- Supports QAPIs in meeting organizational goals

### ***QAPI TEAMS:***

Each ICCE unit and functional area at MUSC has a QAPI, whose mission is to achieve and surpass benchmarks for their specific area. Each QAPI is chaired by the ICCE Chief or relevant quality designee. Each QAPI regularly meets to review current performance and create-implement improvement plans to close any gaps in performance.

#### Specific Responsibilities:

- Ensure progress to closing identified gaps in performance for their area of responsibility.
- Develop improvement plans and remove barriers to effective action.
- Collaborate with other units/areas as needed.
- Report progress quarterly to QEC.
- Each QAPI team should focus on:
  - quality metrics that are publicly reported
  - quality metrics that are aligned with the strategic priorities of the QAPI
  - quality opportunities identified from a serious / sentinel events, regulatory surveys, and SHIELD reports

### ***The Quality Improve Committee:***

The IMPROVE Committee is made up of senior leaders, administrators, directors, appropriate physician leaders, and performance improvement leadership and team members. This committee oversees the quality IMPROVE process and ensures that the process adheres to a standard quality improvement methodology. The Committee receives IMPROVE projects from the QEC, schedules timely reviews of the projects, and ensures that the actions are appropriate to the identified problem and completed in a timely manner. The Committee makes recommendations to the QEC to modify the original charge if necessary, close out the project, or convert to a QAPI-related activity (or other governance group).

### **COMMUNICATION STRATEGIES:**

Effectively communicating quality and safety performance horizontally and vertically is extremely important to ongoing engagement and improvement efforts. As such, the Quality and Safety structure has developed a repertoire of communication modalities and techniques

- Tiered Briefs: This is a daily communication modality to “look back” and “look ahead” for any threats to the safety or operations of the enterprise. Leaders from all areas gather information from area huddles (Tiers I and II) and report out in a “roll call” fashion to Tier III and IV, then cascade any relevant information to their respective areas.

- Safety Rounds: These are four times weekly rounds by leaders from all support areas (safety, risk, infection prevention, IT, security, pharmacy, etc.) to front line in all areas, to identify and resolve any and all issues identified as threats to patient or care team safety. Many issues are resolved during rounds; others are assigned an “owner” and progress is reported back to the area leader to inform their team of progress being made on safety issues. In between rounds, issues can be communicated by anyone by email to: patientsafety@musc.edu.
- Safely Speaking: This is a daily email-based communication that covers an evidence-based tool, technique, innovation, or idea that can enhance patient or care team safety. The purpose is daily recognition and awareness of safety issues and efforts within the enterprise.
- Clinical connections: This is a weekly email-based communication modality that covers a quality-safety section, with an intended audience of physician providers (including residents).
- GME: Quality reports are communicated to trainees and program directors at each and every monthly program director and chief resident meeting.
- Onboarding: Quality and safety education and operations are conveyed to each and every new care team member via their respective orientations (physicians, GME, leaders, and care team members).
- Other: Quality and safety reports are part of standing agenda items at each and every of the following meetings: Board of Trustees, Medical Executive Committee (MEC), Administrator-Director-Manager (ADM), and Physician Leader meetings.

#### **PERFORMANCE IMPROVEMENT METHODOLOGY:**

In an effort to continually improve organizational performance and maintain the safety and quality of patient care, MUSC Health evaluates the development of new processes as well as the redesign or improvement of existing processes. A systematic approach is utilized to:

- Problem solve, identify the new process or potential improvement.
- Assess/test the strategy for change.
- Analyze data from the test (to determine if the change produced the desired result).
- Implement the improvement strategy system-wide when applicable.
- Monitor for sustained change.

The IMPROVE Management System is the daily management system that utilizes improvement methodologies such as Lean, Six Sigma, Project Management and Change Management in the journey to Zero Harm for the patient, families, and care team members (see also Appendix A).

All improvement projects use the A3 methodology. Education, training, and relevant templates are located in the Our Day Learning Module:

<https://www.myworkday.com/musc/learning/course/5a0b1751f9bd1001f922efe873570000>

#### **SELECTION OF QUALITY IMPROVEMENT PRIORITIES:**

Organizational quality improvement priorities are selected both proactively and in response to problems that are identified through ongoing assessment of data and analysis of adverse events. More specifically, the following sources of information are used to identify improvement opportunities:

- Strategic planning process
- Benchmark and other external comparative data
- Patient satisfaction data/complaints or concerns from patient-family advisory councils
- Employee concerns or complaints
- Occurrences, near misses, and unsafe conditions from voluntary reporting

- Sentinel events
- Serious Safety events
- Other performance data from quality registries or benchmarking databases
- Common cause analyses from voluntary reporting
- Surveys of care team member engagement and culture of safety
- Risk areas or events from other organizations or entities
- Claims data
- Unit-identified concerns or system vulnerabilities
- Concerns or system vulnerabilities identified from any existing communication modalities (feedback from safety rounds, safely speaking, daily check-in, unit huddles)
- Concerns or system vulnerabilities identified from mortality reviews
- Concerns identified through the compliance hotline or human resources

**ANNUAL EVALUATION:**

The Quality Assurance and Performance Improvement (QAPI) Plan will be reviewed and by the Quality Executive Committee (QEC) and the Medical Executive Committee (MEC) annually.

**Approvals:**

Quality Executive Committee	DATE: May 16, 2023
Medical Executive Committee	DATE: June 21, 2023
MUSC Board of Trustees	DATE:

**APPENDIX A: Performance Improvement methodology**



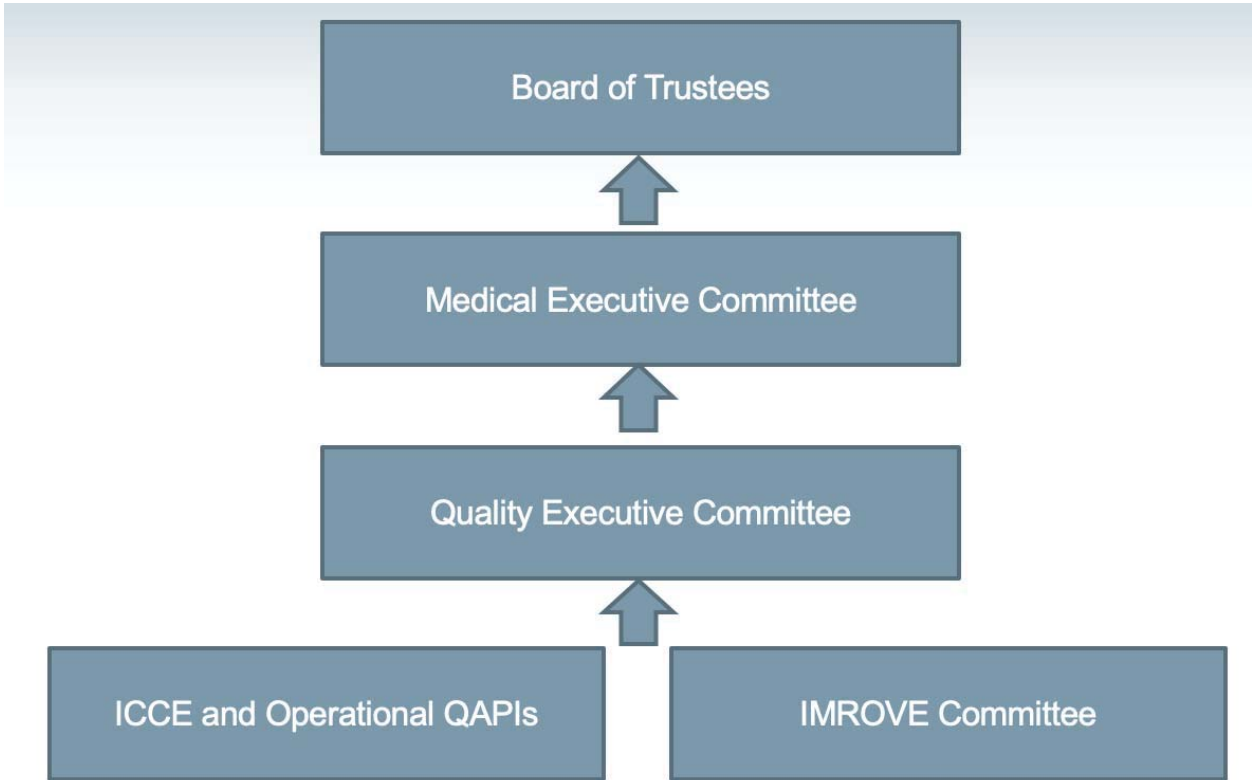
**APPENDIX B: Framework for High Reliability**

Key components of a highly reliable organization





**APPENDIX  
 Quality and  
 governance  
 structure**




**C:  
 Safety**



# MEDICAL EXECUTIVE COMMITTEE

<b>Medical Executive Committee Presiding:</b> Dr. Elizabeth Mack <b>Date:</b> April 19, 2023 <b>Meeting Place:</b> MS Teams <b>Recording:</b> Sarah de Barros <b>Meeting Time:</b> 7:30 am <b>Adjournment:</b> 8:23 am	<b>Members present:</b> Dr. Mack, Dr. Basco, Dr. Boylan, Dr. Bundy, Dr. Castro, Dr. Cina, Dr. Clark, Dr. Clyburn, Dr. Craig, K. Denty, Dr. DiSalvo, Dr. Edwards, Dr. Eiseman, V. Fairbairn, M. Fulton. Dr. Herzke, L. Kerr, Jessica Johnson, Kiersten Lebar, J. Melroy, Dr. Munden, S. Pastor, Dr. Reeves, Dr. Russell, Dr. Salgado, Dr. D. Scheurer, Dr. M. Scheurer, Dr. Zaas, Dr. Zukas, Dr. Steyer Dr. Heincelman  <b>Members excused:</b> Dr. Andrews, Dr. Atz, Dr. Baliga, Dr. Carroll, Dr. Costello, Dr. Crawford, M. Field, Kocher, D. Krywko, L. Leddy, S. Patel, Dr. Hong, M., Dr. Reeves, S. Scarbrough, Dr. Streck		
Agenda/Topic	Debate & Discussion	Conclusions	Recommendation/ Follow-Up What/When/Who
<b>Executive Session</b>	n/a	n/a	
<b>Review of Minutes</b>	Minutes from March 15 MEC meeting approved	<b>Approval</b>	<b>Approved</b>
<b>Credentials Committee</b> <ul style="list-style-type: none"> <li>• Dr. Edwards</li> </ul>	Monthly credentialing roster presented.	MEC recommends the approval of roster to the Board of Trustees	
<b>GME Report</b> <ul style="list-style-type: none"> <li>• Dr. Clyburn</li> </ul>	<ul style="list-style-type: none"> <li>• 10 Year Institutional Site Visit</li> <li>• Actively engaged in Onboarding</li> <li>• Working on the infrastructure for Onboarding Residents from Orangeburg</li> <li>• Search for DO is ongoing – currently moving forward with 2<sup>nd</sup> round onsite interviews</li> </ul>	<b>Information</b>	
<b>Quality Report</b> <ul style="list-style-type: none"> <li>• Dr. Bundy</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>• Scorecard</li> <li>• Culture of Safety Data Overview</li> </ul>	<b>Information</b>	 4.19.23 Quality Update - Bundy.ppt:
<b>Perioperative QUAPI Report</b> <ul style="list-style-type: none"> <li>• Dr. Crookes</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>• Protocol and Procedure Updates</li> <li>• Policies now in effect: C-177 C-025 C-177</li> </ul>	<b>Information</b>	 April 2023 MEC Meeting - Periop.pp

## MEDICAL EXECUTIVE COMMITTEE

	<ul style="list-style-type: none"> <li>• Perioperative Count Week – April 24 - 28</li> </ul>		
<b>Communications Report</b> <ul style="list-style-type: none"> <li>• Dr. Herzke</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>• Credentialing Update: Welcome Tawnya Roscoe, new Director of Credentialing Working with the Orangeburg Team to make the Downtown Charleston and Orangeburg teams one.</li> <li>• Welcome Marc Heincelman as the new MEC Secretary</li> <li>• CARES Peer Support Program being rolled out in Charleston</li> <li>• First Call</li> <li>• Capacity: LOS, Capacity Management, FY24 Planning</li> </ul>	<b>Information</b>	 CMO Report MEC 4.19.23.pptx
<b>Nursing Update</b> <ul style="list-style-type: none"> <li>• Susan Pastor</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>• Welcome Brenda Kendall-Bailey, new Chief Nursing Officer</li> <li>• New Nursing Leader Announcement</li> <li>• WINS: Service Pillar</li> <li>• New Nurse Graduate Blitz – starting in May and onboarding throughout the summer</li> <li>• Fill Rates</li> </ul>	<b>Information</b>	 4.19.23 MEC Nursing Update.ppt
<b>Regulatory Update</b> <ul style="list-style-type: none"> <li>• Kim Denty</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>• CMS Review, March 20 – 24, 2023</li> <li>• Joint Commission Survey – Orangeburg – Received Accreditation on April 11, 2023</li> <li>• CAP Survey – Lab, April 17 – 18, 2023</li> </ul>	<b>Information</b>	 MEC Regulatory Update 04.18.23.ppt
<b>Consent Items</b>			
<b>Policies</b> <i>(Consent)</i>	<u><b>Policies for Approval:</b></u> <ul style="list-style-type: none"> <li>• C-227 Vaccines for Children Program</li> </ul>	<b>Approval</b>	<b>Approved</b>
<b>Standing Orders</b> <i>(Consent)</i>	<u><b>Standing Orders for Approval:</b></u> <ul style="list-style-type: none"> <li>• Spine Center Preoperative Standing Orders</li> <li>• Spine Center Holding Standing Orders</li> </ul>	<b>Approval</b>	<b>Approved</b>




## MEDICAL EXECUTIVE COMMITTEE



<b>Data &amp; Service Reports</b> <i>(Consent)</i>	<u>Data Reports:</u> <ul style="list-style-type: none"> <li>○</li> </ul>	<u>Service reports reviewed:</u>	<i>Information</i>	
<b>Subcommittee Minutes</b> <i>(Consent)</i>	<u>Committee Minutes:</u> <ul style="list-style-type: none"> <li>○ Can be located and viewed in the MUSC BOX under MEC</li> </ul>		<i>Information</i>	
<b>Adjournment</b> 8:37 am	The next meeting of the Medical Executive Committee will be May 17, 2023 at 7:30 am via TEAMS/In Person			

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# MEDICAL EXECUTIVE COMMITTEE

<b>Medical Executive Committee</b> <b>Presiding:</b> Dr. Prabhakar Baliga <b>Date:</b> May 17, 2023 <b>Meeting Place:</b> MS Teams <b>Recording:</b> Sarah de Barros <b>Meeting Time:</b> 7:30 am <b>Adjournment:</b> 8:35 am	<b>Members present:</b> Dr. Basco, Dr. Boylan, Dr. Bundy, Dr. Cina, Dr. Clark, Dr. Clyburn, K. Denty, Dr. DiSalvo, Dr. Edwards, Dr. Eiseman, V. Fairbairn, M. Fulton. Dr. Herzke, L. Kerr, Jessica Johnson, Kiersten Leban, J. Melroy, Dr. Munden, Dr. Reeves, Dr. Russell, Dr. Salgado, Dr. D. Scheurer, Dr. M. Scheurer, Dr. Zaas, Dr. Zukas, Dr. Andrews, Dr. Atz, Dr. Baliga, Dr. Brendle, Dr. Carroll, Dr. Costello, Dr. Crawford, M. Field, Dr. Hong, M. Kocher, D. Krywko, L. Leddy, Dr. Mack, S. Patel, Dr. Reeves, Dr. Streck;  <b>Members excused:</b> <b>Guests:</b>		
Agenda/Topic	Debate & Discussion	Conclusions	Recommendation/ Follow-Up What/When/Who
<b>Executive Session</b>	n/a	n/a	
<b>Review of Minutes</b>	Minutes from April 19 MEC meeting approved	<b>Approval</b>	<b>Approved</b>
<b>Credentials Committee</b> <ul style="list-style-type: none"> <li>• Dr. Edwards</li> </ul>	Monthly credentialing roster presented. Tawnya Roscoe, Credential Director presented files to review: <ul style="list-style-type: none"> <li>- 14 Initial Appointments</li> <li>- 87 Reappointments</li> <li>- No significant changes in privileges</li> <li>- No controversies for exceptions</li> </ul>	MEC recommends the approval of roster to the Board of Trustees	<b>Approved</b>
<b>GME Report</b> <ul style="list-style-type: none"> <li>• Dr. Clyburn</li> </ul>	<ul style="list-style-type: none"> <li>- Challenges with OurDay Onboarding, but continue to make progress</li> <li>- Have not yet received formal evaluation from site visit</li> <li>- 5<sup>th</sup> and final onsite visit for VIO Candidates is taking place today</li> <li>- Chief Resident development program for next year</li> </ul>	<b>Information</b>	
<b>Quality Report</b> <ul style="list-style-type: none"> <li>• Dr. Bundy</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>- Scorecard</li> <li>- Leapfrog Data Overview</li> </ul>	<b>Information</b>	 5.17.23 Quality Update - Bundy.ppt:
<b>Periop QUAPI Report</b> <ul style="list-style-type: none"> <li>• Dr. Crookes</li> </ul>	No report this month		

## MEDICAL EXECUTIVE COMMITTEE

<b>Communications Report</b> <ul style="list-style-type: none"> <li>• Dr. Herzke</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>- Committees that report to MEC                         <ul style="list-style-type: none"> <li>*These groups may attend the MEC quarterly so that they attend at least once a year.</li> <li>* Please e-mail Dr. Herzke any other Committees that are not listed</li> </ul> </li> <li>- Brief OP Note Reminder</li> <li>- Sedation</li> <li>- DOPs                         <ul style="list-style-type: none"> <li>*Hospital medicine</li> <li>*Trauma</li> <li>*ED</li> </ul> </li> </ul>	<b>Information</b>	 CMO Report MEC 5.17.23.pptx
<b>Nursing Update</b> <ul style="list-style-type: none"> <li>• Susan Pastor</li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>- Wins</li> <li>- Employee Engagement - Nursing Overall Tier 2, Adult Inpatient Roll Up to Tier 1, Childrens, Women’s and Mental Health Roll Up - Tier 3 to Tier 2</li> <li>- Finance – Nursing Incentive Pay, Traveler Reduction Plan</li> <li>- Recruitment and Retention</li> </ul>	<b>Information</b>	 5.17.23 MEC Nursing Update.ppt
<b>Regulatory Update</b> <ul style="list-style-type: none"> <li>• Kim Denty</li> </ul>	No Report This Month		
<b>Consent Items</b>			
<b>Policies</b> <i>(Consent)</i>	<u><b>Policies for Approval:</b></u> <ul style="list-style-type: none"> <li>• A-155 Peer Review</li> <li>• C-171 Scope of Anesthesia Services</li> </ul>	<b>Approval</b>	<b>Approved</b>
<b>Standing Orders</b> <i>(Consent)</i>	<u><b>Standing Orders for Approval:</b></u> <ul style="list-style-type: none"> <li>• Adult Sexual Assault Nurse Examiner</li> <li>• Guidelines for the Practice of the Certified Anesthesiologist</li> </ul>	<b>Approval</b>	
<b>Data &amp; Service Reports</b> <i>(Consent)</i>	<u><b>Data Reports:</b></u> ○	<u><b>Service reports reviewed:</b></u>	<b>Information</b>

# MEDICAL EXECUTIVE COMMITTEE


<b>Subcommittee Minutes</b> <i>(Consent)</i>	<b>Committee Minutes:</b> <ul style="list-style-type: none"><li>○ Can be located and viewed in the MUSC BOX under MEC</li></ul>		<b>Information</b>	
<b>Adjournment</b> 8:35 am	The next meeting of the Medical Executive Committee will be June 21, 2023 at 7:30 am via TEAMS			

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Marc Heincelman, MD, Secretary of the Medical Staff

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## MEDICAL EXECUTIVE COMMITTEE

<b>Medical Executive Committee</b> <b>Presiding:</b> Dr. Prabhakar Baliga <b>Date:</b> June 21, 2023 <b>Meeting Place:</b> MS Teams <b>Recording:</b> Sarah de Barros <b>Meeting Time:</b> 7:30 am <b>Adjournment:</b> 8:32 am	<b>Members:</b> Dr. Basco, Dr. Boylan, Dr. Bundy, Dr. Cina, Dr. Clark, Dr. Clyburn, Dr. Craig, Dr. Crookes, K. Denty, Dr. DiSalvo, Dr. Edwards, Dr. Eiseman, V. Fairbairn, M. Fulton. Dr. Herzke, Dr. Heincelman, L. Infinger, B. Kendall-Bailey, L. Kerr, Jessica Johnson, Kiersten Leban, J. Melroy, Dr. Munden, Dr. Reeves, Dr. Russell, Dr. Salgado, Dr. D. Scheurer, Dr. M. Scheurer, Dr. Zaas, Dr. Zukas, Dr. Andrews, Dr. Atz, Dr. Baliga, Dr. Steyer, Dr. Carroll, Dr. Costello, Dr. Crawford, M. Field, Dr. Hong, M. Kocher, D. Krywko, L. Leddy, Dr. Mack, S. Patel, Dr. Reeves, Dr. Streck  <b>Members excused:</b> <b>Guests:</b>		
Agenda/Topic	Debate & Discussion	Conclusions	Recommendation/ Follow-Up What/When/Who
<b>Executive Session</b>	n/a	n/a	
<b>Review of Minutes</b>	Minutes from May 17 MEC meeting approved	<b>Approval</b>	<b>Approved</b>
<b>Credentials Committee</b> <ul style="list-style-type: none"> <li>• <b>Dr. Edwards</b></li> </ul>	Monthly credentialing roster presented. 400 Files to review: <ul style="list-style-type: none"> <li>- 94 Initial Appointments – Charleston</li> <li>- 217 Initial Appointments - Orangeburg</li> <li>- 168 Reappointments</li> <li>- 9 changes in privileges</li> <li>- 1 Exemption – already approved</li> <li>- No controversies</li> </ul>	MEC recommends the approval of roster to the Board of Trustees	<b>Approved</b>
<b>GME Report</b> <ul style="list-style-type: none"> <li>• <b>Dr. Clyburn</b></li> </ul>	<ul style="list-style-type: none"> <li>- 250 Residents and Fellows being onboarded</li> <li>- 10 Visiting Residents – Community Psychiatry Residents spending a portion of their first year in Orangeburg for the new Community Site State Program</li> <li>- GME Growth with the Quantum Growth Project</li> <li>- Actively looking at process for accommodations for Residents refusing to be immunized</li> </ul>	<b>Information</b>	
<b>Quality Report</b> <ul style="list-style-type: none"> <li>• <b>Dr. Bundy</b></li> </ul>	See Attached Presentation <ul style="list-style-type: none"> <li>- Scorecard – no shift</li> <li>- Chemotherapy Shortage               <ul style="list-style-type: none"> <li>* The two medications in the shortest supply are Cisplatin and Carboplatin.</li> <li>*This is a US wide problem and so we are competing for the supply of these medications with every other center that treats similar patients.</li> </ul> </li> </ul>	<b>Information</b>	 23_06_21 MEC Bundy.pptx

## MEDICAL EXECUTIVE COMMITTEE

<p><b>Periop QUAPI Report</b></p> <ul style="list-style-type: none"> <li>• Dr. Crookes</li> </ul>	<p>See Attached Presentation</p> <ul style="list-style-type: none"> <li>- Peri-Op IMPROVE Projects</li> <li>- RT Exclusion Criteria Change</li> <li>-</li> </ul>	<p><i>Information</i></p>	 MEC Peri-Op June 2023.pptx
<p><b>Communications Report</b></p> <ul style="list-style-type: none"> <li>• Dr. Herzke</li> </ul>	<p>See Attached Presentation</p> <ul style="list-style-type: none"> <li>- First Call – hope to roll out by the end of June, with the exception of Pediatrics</li> <li>- “Town Hall” – for physicians, a wrap up of FY 23, including some of the College of Nursing changes in plans for growth.</li> <li>- DOPs –When filling out, make sure to have that right items in the right place and those have gone out to the areas below:               <ul style="list-style-type: none"> <li>*Hospital medicine/GIM</li> <li>*Trauma</li> <li>*General Surgery</li> <li>*ED</li> <li>*Pediatrics – all non-surgical</li> </ul> </li> </ul>	<p><i>Information</i></p>	 CMO Report MEC 6-21-23.pptx
<p><b>Nursing Update</b></p> <ul style="list-style-type: none"> <li>• Brenda Kendall-Bailey</li> </ul>	<p>See Attached Presentation</p> <ul style="list-style-type: none"> <li>- Wins</li> <li>- Leader Announcements</li> <li>- Nursing Turnover – trending down</li> </ul>	<p><i>Information</i></p>	 6.21.23 MEC Nursing Update-v.2.
<p><b>Regulatory Update</b></p> <ul style="list-style-type: none"> <li>• Kim Denty</li> </ul>	<p>See Attached Presentation</p> <ul style="list-style-type: none"> <li>- CMS Findings and Response</li> </ul>	<p><i>Information</i></p>	 MEC 06.21.23.pptm
<p><b>EPIC Changes</b></p>	<p>Dr. Judge has been working with Hannia Ramos Amyloidosis Program. The request for privileges is for specific orders within amyloidosis testing. Want to improve the initiation process by having the supervising physician signing.</p>		<p><b>Approved</b></p>

## MEDICAL EXECUTIVE COMMITTEE

<b>Consent Items</b>			
<b>Policies</b> <i>(Consent)</i>	<u><b>Policies for Approval:</b></u> <ul style="list-style-type: none"> <li>• C-144B Pediatric Parenteral Nutrition - PN - and Intravenous Lipid Emulsion - ILE</li> <li>• A-155 Peer Review* (approved electronically in May)</li> </ul>		<b>Approval</b>
<b>Standing Orders</b> <i>(Consent)</i>	<u><b>Standing Orders for Approval:</b></u> <ul style="list-style-type: none"> <li>• Nurse-Driven Spine Surgery Holding Standing Orders (Spine Program Navigator)</li> <li>• Image for Lung/Thoracic Cancer</li> <li>• Cystic Fibrosis Respiratory Cultures</li> <li>• Lab Orders for New Adult Hematopoietic Stem Cell Transplant, Immune effector Cell Therapy Patients, and Donors</li> <li>• Oral Glucose Tolerance Test</li> <li>• Primary Care Administering Tdap-Td Vaccine to Children Age 7 Years and older</li> <li>• Guidelines for the Practice of the Certified Anesthesiologist</li> <li>• QAPI Plan</li> </ul>		<b>Approval</b>
<b>Data &amp; Service Reports</b> <i>(Consent)</i>	<u><b>Data Reports:</b></u> <ul style="list-style-type: none"> <li>○</li> </ul>	<u><b>Service reports reviewed:</b></u>	<b>Information</b>
<b>Subcommittee Minutes</b> <i>(Consent)</i>	<u><b>Committee Minutes:</b></u> <ul style="list-style-type: none"> <li>○ Can be located and viewed in the MUSC BOX under MEC</li> </ul>		<b>Information</b>
<b>Adjournment</b> 8:32 am	The next meeting of the Medical Executive Committee will be July 19, 2023 at 7:30 am via TEAMS		

Marc Heincelman, MD, Secretary of the Medical Staff

### Regional Medical Executive Committee

**Meeting:** Regional Medical Executive Committee

**Location:** TEAMS

**Date:** 04/18/23

**Presiding:** Michael Foster, MD

Voting Members	Present	Absent	Excused
(P) Michael Foster, MD			X
(VP) Keia Hewitt, MD	X		
(VPE) Abdallah Kamouh, MD	X		
BR C Christo Courban, MD		X	
BR VC Troy Gamble, MD		X	
CH C Daniel Crow, MD		X	
CH VC Sidharth Malhotra, MD		X	
CO VC Arthur Cooler, MD	X		
FL C Ramzy Al Hourany, MD	X		
KE C Emily Huggins, MD	X		
KE VC Christine Hemphill, MD	X		
LA C Avinash Juneja, MD	X		
MA C Robert Degrood, MD	X		
FLO CMO Rami Zebian, MD	X		
LAN CMO Edward McCutcheon, MD	X		
MID CMO Tullie Holmstrom, MD	X		

Non-Voting Members	Present	Absent	Excused
Robert Harrington, MD	X		
Danielle Scheurer	X		
Nurse Executive			
APP Leader – Megan Fulton, DMSc, PA		X	
CEO Florence – Jay Hinesley		X	
CEO Lancaster – Scott Broome	X		
CEO Midlands - Tom Crawford	X		

Administration	Present	Absent	Excused
Debbi Madvig	X		
Lois Kerr		X	
Elizabeth Player		X	

Agenda Item	Topic	Follow Up / Action
<b>DISCUSSION</b>		
<b>Call to Order</b>	Dr. Keia Hewitt, called the meeting to order at 6:03pm.	
<b>Approval of Minutes</b>	The minutes from March 24, 2023, were reviewed and approved with changes made to attendance records.	Approved
<b>Old Business</b>	None	
<b>NEW BUSINESS</b>		
<b>RHN Medical Staff Bylaws revision:</b>	RHN Medical Staff Bylaws revision: <ul style="list-style-type: none"> <li>• Page 18- Section 3.10 (a) -added that attendings must see long-term care patients from SC Department of Corrections at least every seven days. (This is in line with requirements)</li> <li>• Page 23- Section 4.06 (d) – added a paragraph concerning Locum Providers. This was inadvertently omitted from the original.</li> <li>• Minor grammar and formatting changes.</li> </ul>	Following committee vote, a motion was made, seconded, and carried to approve the Medical Staff Bylaws and Credentials Manual revisions as presented. The committee recommendations will be forwarded to Board for approval.



**Regional Medical Executive Committee**

<b>Credentials Manual revision:</b>	Credentials Manual revision: • Page 10-11- Added the qualifications for Locum Providers. This was inadvertently omitted from the original.	
<b>CREDENTIALING</b>		
<b>Credentialing</b>	The credentialing summaries for Florence, Lancaster, and Midlands divisions were presented by each division. Dr. Hewitt informed the committee that Dr. Chu is going through the peer review process within the division due to malpractice claim. The results of the peer review process will be shared across the network since Dr. Chu is applying across the RHN.	Following committee vote, a motion was made, seconded, and carried to approve the credentialing summaries as presented. The credentialing summary recommendations will be forwarded to Board for approval.
<b>HOSPITAL EXECUTIVE REPORTS</b>		
<b>CEO</b>	Florence: No report. Lancaster: Mr. Broome announced that the South Carolina Department of Corrections Inpatient unit at Chester is expected to have a daily census 23-25 patients (acute and long-term care) once open. Some logistics are being worked on but going well. The diagnostic cath lab and VIR suite will be reopening. Transplants are going well, and recruitment is under way for a second transplant surgeon. Awaiting CON approval for Indian Land Medical Center but moving forward with office space on Indian Land Medical Center campus. Midlands: Mr. Crawford announced that a new CEO has been hired for the Midlands Division – Matthew Littlejohn who will begin the first week of May.	Informational
<b>CMO</b>	Florence: Dr. Zebian shared that the Florence Division had a GME site visit in March and is expecting another visit in FY24. Black River Medical Center ED and admits continue to increase. Lancaster: Dr. McCutcheon thanked Mr. Crawford for securing a helicopter on campus to support the division. Dr. McCutcheon also recognized the kidney transplant team for their 51 transplants in 3 months which is earlier than expected. UNOS is expected soon to complete a site survey. Midlands: Dr. Hewitt announced that DEHEC survey confirmed that the ED is “pediatric EM prepared”. GME is preparing for certification in 2024. Lastly, Level 3 trauma certification has been submitted. Dr. Holmstrom shared that recruitment is underway for family medicine, vascular, internal medicine, infectious disease, and cardiology (structural heart). Dr. Holmstrom also shared with the committee that MUSC Health Columbia Medical Center was in Beckers Review twice recently, one article regarding decrease in financials and a second article reporting MUSC Health Columbia Medical Center being a Top 10 Community Hospital of Excellence.	Informational
<b>CNO</b>	None	
<b>COO</b>	Dr. Harrington congratulated all divisions across the board following review of their hospital rankings.	
<b>SUB-COMMITTEE REPORTS</b>		
<b>Chief of Staff</b>	None	
<b>QIC</b>	None	
<b>Divisional Departmental Reports</b>	None	

**Regional Medical Executive Committee**

**OTHER BUSINESS**

<b>Meeting Cadence</b>	The survey results regarding meeting cadence were to have RHN MEC held on Tuesday evenings.	
<b>Annual In-Person Meeting</b>	Conversations continued regarding how many in person meetings should occur annually. Committee members would like to complete a survey to come to a decision.	Medical Staff Services personnel will send out survey regarding in-person meetings.
<b>EXECUTIVE SESSION</b>		
<b>Adjourn</b>	6:41pm	
<b>Recorded by:</b>	Next meeting: May 16, 2023	



**Regional Medical Executive Committee**

**Meeting:** Regional Medical Executive Committee

**Location:** TEAMS

**Date:** 05/16/23

**Presiding:** Michael Foster, MD

Voting Members	Present	Absent	Excused	Non-Voting Members	Present	Absent	Excused
(P) Michael Foster, MD	X			Robert Harrington, MD	X		
(VP) Keia Hewitt, MD	X			Danielle Scheurer		X	
(VPE) Abdallah Kamouh, MD		X		Nurse Executive			
BR C Christo Courban, MD	X			APP Leader – Ginni Moore APRN	X		
BR VC Troy Gamble, MD		X		CEO Florence – Jay Hinesley		X	
CH C Daniel Crow, MD		X		CEO Lancaster – Scott Broome	X		
CH VC Sidharth Malhotra, MD		X		CEO Midlands – Matt Littlejohn	X		
CO VC Arthur Cooler, MD	X						
FL C Ramzy Al Hourany, MD	X			<b>Administration</b>	<b>Present</b>	<b>Absent</b>	<b>Excused</b>
KE C Emily Huggins, MD	X			Debbi Madvig	X		
KE VC Christine Hemphill, MD	X			Lois Kerr			
LA C Avinash Juneja, MD	X			Elizabeth Player			
MA C Robert Degrood, MD		X					
FLO CMO Rami Zebian, MD	X						
LAN CMO Edward McCutcheon, MD	X						
MID CMO Tullie Holmstrom, MD	X						

Agenda Item	Topic	Follow Up / Action
<b>DISCUSSION</b>		
<b>Call to Order</b>	Dr. Foster called the meeting to order at 6:03pm.	
<b>Approval of Minutes</b>	The minutes from April 18, 2023 were tabled for review at the next meeting.	Approved
<b>Old Business</b>	None	
<b>NEW BUSINESS</b>		
<b>P&amp;T Committee Documentation from Florence for approval</b>	The Florence P&T meeting summaries from March and April were presented along with recommendation to adopt the MUSC Policy PC-86 “Liberation from Invasive Positive Pressure Ventilation – Adult”	A motion was made, seconded, and all voted in favor to approve the Florence P&T policy adoption.
<b>CREDENTIALING</b>		
<b>Credentialing</b>	The credentialing summaries for Florence, Lancaster, and Midlands divisions were presented by each division.	A motion was made, seconded, and all voted in favor to approve the credentialing summaries as presented. The credentialing

**Regional Medical Executive Committee**

		summary recommendations will be forwarded to Board for approval.
<b>HOSPITAL EXECUTIVE REPORTS</b>		
<b>Divisional CEO Reports</b>	<p><u>Florence:</u> Dr. Zebian spoke on behalf of Mr. Hinesley. He said that he would share report cards at next month’s meeting. We are looking forward to reaching year end targets and establishing goals for 23-24. Black River is doing well, seeing increases in inpatient admissions as well as ED volume. At Marion, they are looking to start a residency program in July 2024.</p> <p><u>Lancaster:</u> Mr. Broome said that they are continuing to grow the Indian Land market, opening an orthopedic clinic in June. We are also looking towards building a medical office building on the Indian Land Hospital Campus. Lancaster launched an air transport service with a helicopter dedicated to the market. So far, 40 transports out of 74 calls in month. This will be good for the region as there are hopes coordinate with the cardio volume in Columbia. Lastly, Chester is working with the Dept. of Corrections and has a census averaging about 20 out of 36 beds. Lancaster will open a smaller 12-bed unit for behavioral health patients from the Dept. of corrections later this year.</p> <p><u>Midlands:</u> Mr. Littlejohn said that the Midlands is working to grow our surgery presence in the area. The Midlands just launched the Specialty Pharmacy which will give us access to 340B pricing for our patients which gives our patients great service. We’re looking at ways to costs of travelers as the Midlands where we have the largest number of travelers.</p>	Informational
<b>Divisional CMO Reports</b>	<p><u>Florence:</u> None</p> <p><u>Lancaster:</u> Dr. McCutcheon gave a shout out to Dr. Avinash Juneja who assumed the role of Divisional Hospitalist Medical director, overseeing all operations for Lancaster and Chester. Lancaster received a Leapfrog grade of B. Thanks to the Midlands cardiology team who provided 814 ports physicals and 100 limited Echo screenings for hypertrophic cardiomyopathy – a \$73,000 benefit to the community. Another shout out to Dr. Hewitt who was recognized with a Certificate from DHEC for the hospital as “Pediatric Emergency Medicine Prepared”.</p> <p><u>Midlands:</u> Dr. Holmstrom said that the Midlands is working on pediatric friendliness in our ED. Leapfrog scores are up in the Midlands: Downtown–A, NE–A, and Kershaw-B. There is robust recruitment with a new Gastroenterology group taking over in Columbia. Two neuro-hospitalist coming on board, combined with our recent launch of continuous EEG capabilities. We have a 2<sup>nd</sup> Board certified vascular surgeon joining us in late July. 4 Primary Care providers coming in the next 15 weeks. 3 new ED physicians, 2 Urgent Care physician, and a Wound Care physician. In house dialysis as started at Downtown with a limited dialysis program coming to Kershaw soon. We have a letter of intent for another interventional and structural heart cardiologist. A certified colorectal surgeon that will join us in the near future as well as expanding pulmonology. The Midlands had a successful “Health Me, Healthy SC” event (a joint venture with Clemson University) in the Winnsboro community recently near the Fairfield ED.</p>	Informational

**Regional Medical Executive Committee**

**SUB-COMMITTEE REPORTS**

<b>Nursing Representative Report</b>	TBD	
<b>APP Representative Report</b>	Gini Moore, NP introduced herself and thanked the committee for allowing the APP group to be represented. She had no official report but wanted to offer her assistance as a resource when writing policies or understanding how the APP scope of practice would play into any program being initiated. She is based in Florence and is the Hospitalist Division APP Director.	
<b>Divisional CQO Report</b>	None	
<b>OTHER BUSINESS</b>		
<b>Meeting Date/Time</b>	Dr. Foster stated that the Tuesday at 6pm slot was possibly the worst time for him and asked if members would consider another time.  Dr. Foster suggested this committee consider an in-person meeting at Black River, to meet each other face-to-face and tour the new facility.	Medical Staff Services personnel will send out survey requesting options for a different day/time for this meeting.
<b>EXECUTIVE SESSION</b>		
<b>Adjourn</b>	6:42pm	
<b>Recorded by:</b>	Next meeting: June 20, 2023	

**AGREEMENTS ENTERED INTO BY THE MEDICAL UNIVERSITY HOSPITAL  
AUTHORITY SINCE THE MAY 2023 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:

- AETNA X3
- BCBSSC – Blue Distinction Centers
- Caremark LLC
- Centers for Medicare & Medicaid Services
- Cigna
- Companion Benefit Alternatives
- Department of Veterans Affairs
- Medicaid\_branches of DHHS X5
- Select Health of South Carolina, Inc. X2
- United Behavioral Health
- Veterans Affairs

**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:

- Dialysis Clinic, Inc. (DCI)
- Johns Island Post Acute
- Trident Medical Center, LLC
- White Oak Manor

**Affiliation Agreements** –

- 11TEN Innovation Partners
- AndorHealth LLC
- Keiser University
- Georgia Southern University
- Lebanon Valley College
- Lincoln Memorial University
- Southern College of Optometry
- Clemson University
- Nova Southeastern University, Inc.
- University of South Carolina Beaufort
- Winthrop University

**Clinical Services Agreements** –

- LeanTaaS, Inc.
- Oler Physician Medical Group, P.A.
- Vascular Wellness Management Solutions, Inc.
- White Oak Management, Inc. Karesh Long Term Care

**Consulting Contracts over \$50k** –

University Active Project List > \$250,000								
Project #	Description	MUSC Approved Budget	Funds Committed to Date	Balance to Finish	A/E	Contractor	Status	Projected Final Completion
<b>Approved Projects</b>								
9835	Energy Performance Contract	\$30,000,000	\$28,228,186	\$1,771,814	Ameresco	Ameresco	Construction	September 2023
9840	BSB Envelope Repairs	\$12,200,000	\$4,780,000	\$7,420,000	REI	Hill	Phase 2 Design	December 2024
9844	HCC 3rd Floor Renovations	\$4,500,000	\$4,107,000	\$393,000	MPS	Triad	Construction	September 2023
9845	BSB Replace AHU 3	\$1,500,000	\$1,177,300	\$322,700	RMF	Whiting Turner	Construction	September 2023
9846	Pharmacy Addition/Innov Instruc Classroom Renov	\$58,000,000	\$56,082,149	\$1,917,851	Compass 5	Triad	Construction	August 2023
9848	BSB Replace AHU #4 and #4A (serve animal area)	\$1,700,000	\$1,699,000	\$1,000	RMF	CR Hipp	Construction	December 2023
9851	BSB AHU #1 Replacement	\$5,800,000	\$5,397,000	\$403,000	RMF	RTT	Design	June 2025
9854	CoHP President Street Academic Building	\$70,000,000	\$3,920,000	\$66,080,000	SMHa	RTT	Design	April 2027
9855	COM Office/Academic Building	\$200,000,000	\$2,630,000	\$197,370,000	Liolio	RTT	Design	June 2024
9856	Anderson House Interior Repairs	\$1,400,000	\$134,000	\$1,266,000	Compass 5		Design	December 2024
9857	CRI AHU #1 and #2 Replacement	\$4,600,000	\$307,000	\$4,293,000	DWG		Design	December 2024
9859	HCC AHU #5 & #6 Replacement	\$1,500,000	\$164,000	\$1,336,000	DWG		Design	December 2024
9860	HCC Medium Voltage Feeders A & B Replacement	\$1,500,000	\$795,000	\$705,000	GWA	Metro	Construction	June 2024
9861	MRE Chiller #1 Replacement	\$2,500,000	\$1,378,000	\$2,362,000	RMF	CR Hipp	Design	December 2024
9862	T-G AHU 3 Replacement	\$2,500,000	\$1,378,000	\$1,122,000	MECA		Construction	June 2024
9863	T-G Generators Replacement	\$3,500,000	\$200,000	\$3,300,000	GWA		Design	December 2024
9864	Children's Research Institute Exterior Repairs	\$600,000	\$556,000	\$44,000	BEE	IPW	Construction	December 2023
9865	CSB Exterior Wall Repairs	\$2,000,000	\$43,000	\$1,957,000	BEE		Design	December 2024
9866	Colcock Hall AHU 1 & 2 Replacement	\$350,000	\$26,000	\$324,000	RMF		Design	June 2024
9868	Data Center AHU 7-10 Replacement	\$900,000	\$48,000	\$852,000	MECA		Design	June 2024
9869	HCC Cooling Towers Replacement	\$1,600,000	\$120,000	\$1,480,000	RMF		Design	December 2024
9871	SEI HVAC Controls, Pumps, and Piping Replace	\$1,100,000	\$52,000	\$1,048,000	DWG		Design	December 2023
9872	Campus Connector Bridges (PR002036)	\$950,000	\$456,000	\$494,000	SLAM		Design	TBD
9873	CSB 1st Floor Electrical Switchgear Replacement	\$1,350,000	\$86,000	\$1,264,000	RMF		Design	June 2024
9874	Research Building Strobic Fan Replacement	\$2,350,000	\$200,000	\$2,350,000	CEMS		Design	December 2024
51355	BSB Chiller #6 Replacement	\$1,500,000	\$1,100,000	\$400,000	MECA	McCarter	Construction	March 2024
51356	HCC Generator #3 Replacement	\$3,000,000	\$2,918,000	\$82,000	GWA	Metro	Construction	June 2024
51357	HCC Lab Air System Replacement	\$1,300,000	\$605,000	\$695,000	DWG	Triad	Construction	March 2023
51358	Campus Elevators Modernization	\$4,300,000	\$88,000	\$4,212,000	RMF		Design	December 2024
51359	IOP Cooling Tower Upgrade	\$1,800,000	\$981,000	\$819,000	RMF	McCarter	Construction	September 2023
51360	HCC 4th Floor Roof Replacement	\$1,300,000	\$1,210,000	\$90,000	BEE	Bone Dry	Construction	December 2023
51361	CON 1st Floor Renovation	\$3,700,000	\$320,000	\$3,380,000	Coe		Design	December 2024
51362	135 Cannon AHU #1 - #4 Replacement	\$1,000,000	\$121,000	\$879,000	CEMS		Design	December 2024
51366	IOP 5th Floor Sleep Study Lab	\$1,250,000	\$60,000	\$1,190,000	Liolio		Design	December 2024
51367	BSB 7 East Lab and Office Renovations	\$1,300,000	\$148,000	\$1,152,000	Compass 5		Design	June 2024
51368	Waring Library Renovations	\$1,200,000	\$72,000	\$1,128,000	Liolio		Design	December 2024
51369	Colbert Education Center & Library Roof Replace	\$1,100,000	\$989,000	\$111,000	WMBE	Keating	Construction	September 2023
51370	Garage Structural Repairs	\$2,250,000	\$162,000	\$2,088,000	WGI		Design	June 2024
50127	DDB Air Cooled Chiller Replacement	\$450,000	\$414,000	\$36,000	MECA	McCarter	Construction	December 2023
50146	CSB 816 HVAC Replacement	\$400,000	\$259,000	\$141,000	RMF	McMarter	Construction	March 2024
50150	MH UH168 Radiation Oncology Renovation	\$500,000	\$396,000	\$104,000	Compass 5	Stenstrom	Construction	December 2024
50151	BSB AHU #5 Replacement	\$875,000	\$56,500	\$818,500	RMF		Design	June 2024
50153	IOP 3rd Floor Resident Space	\$640,000	\$37,150	\$602,850	Liolio		Design	June 2024
PR002008	FY 23 Miscellaneous Roof Repairs	\$860,000	\$77,275	\$782,725	BEE		Design	December 2024
PR002168	TG Elevators 90, 91, & 92 Replacement	\$925,000	\$37,500	\$887,500	VDA		Design	June 2024

**MEDICAL UNIVERSITY OF SOUTH CAROLINA  
PROFESSIONAL SERVICES  
FOR REPORTING  
August 10, 20023**

**MUSC Indefinite Delivery Releases:**

<b>Liollo Architecture, PC</b>	\$ 99,500.00
College of Medicine Office & Academic Building	

**IDQ Contracts:**

**ADC Engineering**

Provide structural engineering services on an as-needed basis over a two year period throughout the campus. Individual projects not to exceed \$200,000. Services are not to exceed \$500,000 over a two year period.

**WGI, Inc.**

Provide structural engineering services on an as-needed basis over a two year period throughout the campus. Individual projects not to exceed \$200,000. Services are not to exceed \$500,000 over a two year period.



**MEDICAL UNIVERSITY OF SOUTH CAROLINA (MUSC) BOARD OF TRUSTEES  
CONSENT AGENDA**

August 11, 2023  
101 Colcock Hall

**Education, Faculty & Student Affairs Committee: Barbara Johnson-Williams, Chair**

**Consent Agenda for Approval**

- Item 25. Sabbatical Leave..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

College of Medicine

**Donna Roberts, M.D.**, Department of Radiology and Radiological Sciences, effective August 17, 2023, through August 16, 2024.

**Gerard Silvestri, M.D.**, Department of Medicine, Division of Pulmonary and Critical Care Medicine, effective January 1, 2024, through April 30, 2024.

- Item 26. Affiliate Faculty Appointments..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

College of Medicine

**David W. Croy, M.D.**, as Affiliate Associate Professor (non-tenure track), in the Department of Medicine, Division of General Internal Medicine (AnMed-Anderson), effective March 1, 2023.

**Howard Y. Li, M.D.**, as Affiliate Associate Professor, in the Department of Medicine, Division of Pulmonary and Critical Care Medicine, effective March 27, 2023.

**Elizabeth V. Schulz, M.D.**, as Affiliate Associate Professor in the Department of Pediatrics, Division of Neonatology, effective April 1, 2023.

College of Pharmacy

**Lyndsay Zotian, PharmD**, as Affiliate Assistant Professor in the Department of Clinical Pharmacy and Outcome Sciences, effective July 1, 2023.

- Item 27. Distinguished University Professor..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

College of Medicine

**Narendra L. Banik, Ph.D.**, Professor, Department of Neurosurgery, effective August 11, 2023.

Item 28. Emeritus/Emerita..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

College of Medicine

**Narayan R. Bhat, Ph.D.**, Professor Emeritus, in the Department of Neuroscience, effective July 1, 2023.

**Viswanathan Ramakrishnan, Ph.D.**, Professor Emeritus, in the Department of Public Health Sciences, effective May 5, 2023.

**Patrick M. Woster, Ph.D.**, Distinguished University Professor Emeritus, Department of Drug Discovery & Biomedical Sciences, effective July 1, 2023.

Item 29. Endowed Chairs ..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

**Ruth Campbell, M.D., MSPH**, to the DCI Nephrology Research Chair, effective date of August 11, 2023

**Jyotika Fernandes, MBBS**, to the Wendy and Keith S. Wellin Distinguished Endowed Chair in Endocrinology, effective August 11, 2023.

**Thai Ho, M.D., Ph.D.**, to the Blatt-Ness Distinguished Endowed Chair in Cancer Research, effective September 1, 2023.

**Minoo N. Kavarana, M.D.**, to the Robert Sade Endowed Chair in Pediatric Cardiac Surgery, effective August 11, 2023.

**Reginald Munden, M.D. DMD, MBA**, to the Philip Costello, MD Endowed Chair in Radiology with an effective date of August 11, 2023.

**Cassandra Salgado, M.D., MS**, to the J. Michael Kilby, M.D. Endowed Chair in Infectious Disease effective August 11, 2023.

Item 30. Faculty Appointments..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs*

College of Medicine

**Wuwei Wayne Feng, M.D.**, as Adjunct Professor, in the Department of Neurology, effective March 31, 2023.

**Daniel L. Herr, M.D.**, as Clinical Associate Professor in the Department of Anesthesia and Perioperative Medicine, effective July 13, 2023.

**Thai Ho, M.D., Ph.D.**, as Associate Professor, on the Academic Investigator track, in the Department of Medicine, Division of Hematology/Oncology, effective September 1, 2023. He will also hold the Blatt-Ness Distinguished Endowed Chair in Cancer Research.

**Brian Edward Lally, M.D.**, as Associate Professor, on the Clinician Educator track, in the Department of Radiation Oncology, effective July 13, 2023.

**Stephen Sidney, M.D.**, Adjunct Professor, in the Department of Neurology, retroactive to March 31, 2023.

**Garth R. Swanson, M.D., MS**, as Professor with tenure on the Academic Clinician track in the Department of Medicine, Division of Gastroenterology and Hepatology, effective June 12, 2023.

Item 31. Change in Faculty Status ..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

College of Medicine

**Thomas Jhou, Ph.D.**, from Associate Professor to Adjunct Professor, in the Department of Neuroscience, effective June 5, 2023.

**Howard Y. Li, M.D.**, from Affiliate Associate Professor to Associate Professor, on the Clinician Educator track, in the Department of Medicine, Division of Pulmonary and Critical Care Medicine, effective July 1, 2023.

**Martha M. Munden, M.D.**, from Professor to Affiliate Professor, in the Department of Radiology and Radiological Science, effective June 1, 2023.

Item 32. Tenure..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

**Garth R. Swanson, M.D., MS**, for appointment as Professor with tenure on the Academic Clinician track in the Department of Medicine, Division of Gastroenterology and Hepatology, effective June 12, 2023. Dr. Swanson will also serve as Division Director of the Division of Gastroenterology and Hepatology in the Department of Medicine.

Item 33. Promotion..... Dr. Lisa Saladin  
*Executive Vice President for Academic Affairs and Provost*

College of Pharmacy

**Jill Thompson, PharmD**, as Affiliate Professor in the Department of Clinical Pharmacy and Out Sciences, effective July 1, 2023.

Donna R Roberts, MD  
**Abbreviated Curriculum Vitae**  
Professor  
843-792-9343  
robertdr@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1999	M.D., Medicine, Medical University of South Carolina, South Carolina, United States
1990	M.S., Electrical Engineering, University of Colorado, Colorado, United States
1986	B.S., Computer Science, Clemson University, South Carolina, United States

Post-Graduate Training

Post-Doctorate, Medical University of South Carolina, Resident, Radiology, June 1999, June 2004  
Post-Doctorate, University of California, San Francisco, CA, Fellow, Neuroradiology, July 2004, June 2006

Additional Training

No activities entered.

Certifications

S. C. Department of Health and Environmental Control, Type of Certification: South Carolina Controlled Substances Act Certificate, Certification Number: 20-22083, Effective Date: 2020-08-17, Expiration Date (if none, see note above): 2021-10-01

Drug Enforcement Administration, Type of Certification: Controlled Substance Registration Certificate, Certification Number: BR9209859, Effective Date: 2020-03-12, Expiration Date (if none, see note above): 2023-04-30

American Heart Association, Type of Certification: Basic Life Support (CPR and AED), Certification Number: 205509051996, Effective Date: 2019-12-17, Expiration Date (if none, see note above): 2021-12-31

American Heart Association, Type of Certification: Advanced Cardiovascular Life Support (ACLS), Certification Number: 206509455860, Effective Date: 2020-01-10, Expiration Date (if none, see note above): 2022-01-31

American Board of Radiology, Type of Certification: Diagnostic Radiology, Sub-Specialty: Neuroradiology, Certification Number: 47027, Effective Date: 2014-08-05

Professional Licensures

South Carolina State Medical Physician, Month / Year Originally Conferred: October 2000, Month/Year Expires: June 2021, Department of Labor, Licensing and Regulation, South Carolina, 22083

MUSC Rank and Promotion History

Adjunct Assistant Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2004-07-01, 2006-08-31

Research Assistant Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2006-09-01, 2006-10-31

Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2020-01-01

Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2020-01-01

Professor, Medical University of South Carolina, College of Graduate Studies, 2010-07-14

Associate Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2016-01-01, 2019-12-31

Associate Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2016-01-01, 2019-12-31

Assistant Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2012-04-01, 2015-12-31

Assistant Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2006-11-01, 2015-12-31

#### Non-MUSC Rank and Promotion History

Assistant Professor, St. Jude Children's Research Hospital, Radiology, 2010-09-01

Adjunct Assistant Professor, University of Texas Medical Branch, Department of Preventive Medicine and Community Health, 2004-11-01, 2005-12-01

Gerard A. Silvestri, MD, MS  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 792-3167  
silvestr@musc.edu

#### Personal Information

No activities entered.

#### Contact Information

No activities entered.

#### Degrees

1995	M.S., Evaluative Clinical Sciences, Dartmouth College
1987	M.D., Medicine, St. Georges University, Grenada, Grenada
1983	B.S., Biology, Fairleigh Dickinson University

#### Post-Graduate Training

Post-Doctorate, Dartmouth College, Masters of Science Evaluative Clinical Sciences, September 1994, September 1996

Post-Doctorate, Dartmouth Hitchcock Medical Center, Dartmouth Medical School, Fellowship in Pulmonary and Critical Care Medicine, September 1990, September 1993

Post-Doctorate, Hospital of St. Raphael, Yale University School of Medicine, Internship, Department of Medicine, September 1987, September 1988

Post-Doctorate, Hospital of St. Raphael, Yale University School of Medicine, Residency, Department of Medicine, September 1988, September 1990

#### Additional Training

No activities entered.

#### Certifications

American Board of Internal Medicine, Effective Date: 07/1990

American Board of Internal Medicine, Effective Date: 07/2004

ABIM - Subspecialty, Pulmonary Disease, Effective Date: 07/1992

ABIM - Subspecialty, Critical Care Medicine, Effective Date: 07/1993

#### Professional Licensures

Vermont

South Carolina

Connecticut

#### MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Public Health Sciences, 2015-04-15, 2021-10-07

Professor, Medical University of South Carolina, College of Medicine, Public Health Sciences, 2021-10-08

Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care Medicine, 2006-07-01, 2021-10-07

Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care

Medicine, 2021-10-08

Professor, Medical University of South Carolina, College of Graduate Studies, 2006-08-17

Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care Medicine, 1998-07-01, 2006-06-30

Assistant Professor, Medical University of South Carolina, College of Medicine, Medicine, 1993-08-01, 1998-12-01

#### Non-MUSC Rank and Promotion History

No activities entered.

David Croy, MD  
**Abbreviated Curriculum Vitae**  
Affiliate Assistant Professor  
croyd@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2020	M.S., Bioethics/Medical Ethics, Creighton University Graduate School
1990	M.D., Medicine, University of Missouri, Columbia
1985	B.S., Chemistry, University of Missouri, Columbia

Post-Graduate Training

Fellowship, University of Kentucky, Hematology/Oncology , June 1993, June 1996

Residency, University of Kentucky, Internal Medicine, June 1990, June 1993

Additional Training

2021-11-01, 2033, American Society for Bioethics and Humanities, Healthcare Ethics Consultant, Certification

Certifications

American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Medical Oncology,  
Certification Number: 149195, Effective Date: 1997

American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Hemtology,  
Certification Number: 149195, Effective Date: 1996

American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Internal Medicine,  
Certification Number: 149195, Effective Date: 1993

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Non-MUSC Rank and Promotion History

No activities entered.



Howard Li, MD  
**Abbreviated Curriculum Vitae**  
Affiliate Associate Professor  
lihow@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2002	M.D., Medicine, Vanderbilt University
1997	B.S., Chemistry, Stanford University

Post-Graduate Training

Postdoctoral Fellow, University of Colorado Anschutz Medical Campus, Pulmonary Sciences and Critical Care Medicine, July 2006, June 2007  
Fellowship, University of Colorado Anschutz Medical Campus, Pulmonary Sciences and Critical Care Medicine, July 2007, June 2010  
Residency, University of Colorado Health Sciences Center, Internal Medicine, July 2005, June 2006  
Residency, University of Colorado Health Sciences Center, Internal Medicine, July 2002, June 2005

Additional Training

No activities entered.

Certifications

American Board of Internal Medicine, Type of Certification: Board Certification , Certification Number: n/a, Effective Date: 2006

Professional Licensures

Virginia State Medical License , Month / Year Originally Conferred: January 2018

MUSC Rank and Promotion History

Affiliate Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care Medicine, 2023-03-27, 2023-06-30  
Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care Medicine, 2023-07-01

Non-MUSC Rank and Promotion History

Associate Professor, Virginia Commonwealth University, 2018-01-09  
Associate Professor, University of Colorado Anschutz Medical Campus, 2018-07-01, 2018-08-31  
Assistant Professor, University of Colorado Anschutz Medical Campus, 2011-01-01, 2018-01-06

Elizabeth V Schulz, MD  
**Abbreviated Curriculum Vitae**  
Adjunct Assistant Professor  
schulzel@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2010	M.D., Medicine, Augusta University
2006	B.S., Microbiology, University of Georgia, Georgia, United States

Post-Graduate Training

Post-Doctorate, Perinatal-Neonatal Medicine Fellow, September 2014, January 2019  
Post-Doctorate, Naval Medical Center Portsmouth, Pediatric Resident and Intern, September 2011, September 2014

Additional Training

No activities entered.

Certifications

S.T.A.B.L.E Instructor, Effective Date: 2012 - Present  
Pediatric Advanced Life Support Certification (PALS), Effective Date: 2011 - Present  
Neonatal Resuscitation Program Certification (NRP), Effective Date: 2011 - Present  
Basic Life Support Certification (BLS), Effective Date: 2009 - Present  
American Board of Pediatrics, Neonatal-Perinatal Medicine, Effective Date: 2018 - Present  
American Board of Pediatrics, General Pediatrics, Effective Date: 2014 - Present

Professional Licensures

State of Virginia Medical License  
State of South Carolina Medical License

MUSC Rank and Promotion History

Affiliate Associate Professor, Medical University of South Carolina, College of Medicine, Pediatrics, Neonatology,  
2023-04-01, 2026-06-30  
Adjunct Assistant Professor, Medical University of South Carolina, College of Medicine, Pediatrics, Neonatology,  
2018-10-01, 2020-06-30

Non-MUSC Rank and Promotion History

Assistant Professor, Uniformed Services University, Pediatrics, 2018-09-01, 2019-01-01

Medical University of South Carolina  
College of Pharmacy  
ABBREVIATED CURRICULUM VITAE

Name: Zotian Lyndsay \_\_\_\_\_  
Last First Middle

Citizenship and/or Visa Status: US Citizen

Office Address: SkinCeuticals, Charleston SC Telephone: 336.817.3317

Education: (*Baccalaureate and above*)

<u>Institution</u>	<u>Years attended</u>	<u>Degree/Date</u>	<u>Field of Study</u>
<u>Wake Forest University</u>	<u>2001 – 2005</u>	<u>BS</u>	<u>Biology. Minor - Chemistry</u>
<u>The Citadel</u>	<u>2007 – 2010</u>	<u>MBA</u>	<u>Business Administration</u>
<u>Medical University of South Carolina</u>	<u>2007 – 2011</u>	<u>PharmD</u>	<u>Pharmacy</u>
_____	_____	_____	_____
_____	_____	_____	_____

Graduate Medical Training: (*Chronological*)

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

<u>Place</u>	<u>Dates</u>
<u>Residencies or Postdoctoral:</u>	_____
<u>University of Southern California/Allergan</u>	_____
<u>2011 - 2012</u>	_____

Board Certification: N/A Date: \_\_\_\_\_  
Licensure: Pharmacist Date: \_\_\_\_\_  
2011 - 2019

Faculty appointments: (*Begin with initial appointment*)

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
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Total Number of Publications in peer-reviewed journals: 1

First Appointment to MUSC: Rank Affiliate Assistant Professor Date: 06/22/2023

Narendra L. Banik, PhD  
**Abbreviated Curriculum Vitae**  
Professor  
843-792-7594  
baniknl@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1970	Ph.D., Biochemical Studies on Myelination, University of London, Un King/No Ire
1966	M.Sc., Biochemistry, University of London, Un King/No Ire
1959	B.Sc., Chemistry and Physiology and Zoology, University of Calcutta, India

Post-Graduate Training

No activities entered.

Additional Training

No activities entered.

Certifications

No activities entered.

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Research Associate, Medical University of South Carolina, College of Medicine, Neurology, 1976-09-01, 1977-06-30

Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2004-11-01, 2014-06-30

Professor, Medical University of South Carolina, College of Medicine, Neurology, 1987-07-01, 2004-10-31

Professor, Medical University of South Carolina, College of Medicine, Microbiology and Immunology, 2011-02-11

Professor, Medical University of South Carolina, College of Dental Medicine, Neuroscience Research, 2004-11-01, 2014-06-30

Professor, Medical University of South Carolina, College of Medicine, Microbiology and Immunology, 1994-04-01, 2009-06-30

Professor, Medical University of South Carolina, College of Graduate Studies, 1980-02-11

Professor, Medical University of South Carolina, College of Medicine, Ophthalmology, 2012-11-01

Professor, Medical University of South Carolina, College of Medicine, Neurosurgery, 2014-07-01

Professor, Medical University of South Carolina, College of Medicine, Basic Sciences, Microbiology and Immunology, 2009-07-01, 2011-02-10

Associate Professor, Medical University of South Carolina, College of Medicine, Neurology, 1980-07-01, 1987-06-30

Assistant Professor, Medical University of South Carolina, College of Medicine, Neurology, 1977-07-01, 1980-06-30

Assistant Professor, Medical University of South Carolina, College of Medicine, Biochemistry and Molecular Biology, 1977-07-01, 1985-12-31

#### Non-MUSC Rank and Promotion History

Research Associate, Stanford University School of Medicine, Stanford, California and Veterans Administration Hospital, Palo Alto, California, Neurology (with Professor M.E. Smith), 1974-09-01

Research Assistant, Charing Cross Hospital Medical School, London, England, Biochemistry (with Professor A.N. Davison), 1965-09-01

Research Assistant, Institute of Psychiatry, London, England, Biochemistry (with Professor H. McIlwain), 1961-09-01

Lecturer (Assistant Professor), Institute of Neurology, Queen Square, London, England, Neurochemistry, 1971-09-01

Narayan R. Bhat, PhD  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 792-7593  
bhatnr@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1978	Ph.D., Biochemistry, Indian Institute of Science, India, India
1972	M.Sc., Biochemistry, Karnatak University, India, India
1970	B.Sc., Chemistry and Mathematics and Physics, Kanara College, India, India

Post-Graduate Training

Post-Doctorate, Temple University School of Medicine, Philadelphia, PA, Postdoctoral Fellow, September 1978, September 1981

Additional Training

No activities entered.

Certifications

No activities entered.

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2004-11-01, 2023-06-30  
Professor, Medical University of South Carolina, College of Medicine, Neurology, 2002-07-01, 2004-10-31  
Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2023-07-01  
Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2002-07-01, 2004-10-31  
Professor, Medical University of South Carolina, College of Dental Medicine, Neuroscience Research, 2004-11-01, 2023-06-30  
Professor, Medical University of South Carolina, College of Graduate Studies, 2005-09-22  
Associate Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 1999-03-01, 2002-06-30  
Associate Professor, Medical University of South Carolina, College of Medicine, Neurology, 1991-09-15, 2002-06-30

Non-MUSC Rank and Promotion History

Research Associate, University of Missouri School of Medicine, St. Louis, MO, Biochemistry and Neurochemistry, 1983-09-01  
Research Associate, Washington University School of Medicine, St. Louis, MO, Pediatrics, 1981-09-01

Associate, Sanders-Brown Research Center on Aging, University of Kentucky, Lexington, KY, Alzheimer's Disease Research Center, 1989-09-01

Assistant Research Professor, University of Kentucky, Lexington, KY, Biochemistry, 1985-09-01

Viswanathan Ramakrishnan, PhD  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 876-1153  
ramakris@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1989	Ph.D., Statistics, Florida State University, Florida, United States
1985	M. Phil., Statistics, University of Waterloo, Canada, Canada
1979	M.S., Biometry, University of Poona
1977	B.S., Mathematics, University of Madras, India, India

Post-Graduate Training

Post-Doctorate, University of Poona, India, University Grants Commission's Fellowship, September 1980,  
Ongoing

Additional Training

No activities entered.

Certifications

No activities entered.

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Public Health Sciences, 2023-05-05  
Professor, Medical University of South Carolina, College of Medicine, Public Health Sciences, 2013-01-01, 2023-05-04  
Professor, Medical University of South Carolina, College of Graduate Studies, 2011-03-30  
Professor, Medical University of South Carolina, University Other, Vice President for Academic Affairs, 2011-01-18, 2012-12-31

Non-MUSC Rank and Promotion History

Associate Professor, University of Illinois at Chicago, Biostatistics, Epidemiology-Biostatistics, 1995-09-01  
Associate Professor, Virginia Commonwealth University, Biostatistics and Massey Cancer Center, 2000-09-01, 2009-01-01  
Assistant Professor, University of Illinois at Chicago, Biostatistics, Epidemiology-Biostatistics, 1989-09-01







Ruth C. Campbell, MD, MSPH  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 792-4984  
campberc@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

- |      |  |
|------|--|
| 2010 | M.S.P.H., Public Health Biostatistics, University of Alabama, Birmingham, Alabama, United States |
| 1994 | M.D., Medicine, Creighton University School of Medicine  |
| 1990 | B.A., Genetics, University of California, Berkeley, California, United States                    |

Post-Graduate Training

- Post-Doctorate, Clinical Research Center for Rare Disease "Aldo and Cele Dacco," Mario Negri Institute for Pharmacological Research, Bergamo, Italy, Clinical Research Fellowship, September 2001, September 2002
- Post-Doctorate, Creighton University, Internal Medicine, Chief Resident, September 1997, September 1998
- Post-Doctorate, Creighton University, Internal Medicine, Internship/Residency, September 1994, September 1997
- Post-Doctorate, University of Alabama at Birmingham, Nephrology Fellowship, September 1998, September 2000
- Post-Doctorate, University of Alabama at Birmingham, T32 Training Grant (Dale Benos, Ph.D., PI) Physiology Training Program in Cellular Physiology, September 1999, September 2001

Additional Training

No activities entered.

Certifications

- Nephrology, Effective Date: 2000-2020
- Internal Medicine, Effective Date: 2008-2018

Professional Licensures

- South Carolina
- Nebraska
- Alabama

MUSC Rank and Promotion History

- Professor, Medical University of South Carolina, College of Medicine, Medicine, Nephrology, 2017-01-01
- Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Nephrology, 2010-10-01, 2016-12-31

Non-MUSC Rank and Promotion History

- Associate, University of Alabama at Birmingham, Medicine, Nephrology, 2000-09-01



Jyotika Fernandes, MBBS  
**Abbreviated Curriculum Vitae**  
Professor  
843-792-2529  
fernank@musc.edu

#### Personal Information

No activities entered.

#### Contact Information

City: Charleston  
State or Province: South Carolina  
Zip / Postal Code: 29425

#### Degrees

1999	M.D., Medicine, University of Texas Health Science Center, Houston, Texas, United States
1992	M.D., Medicine, PGIMER, Panjab University, India, India
1989	M.B.B.S., Medicine, Christian Medical College, Punjab, India, India

#### Post-Graduate Training

Post-Doctorate, Baylor College of Medicine and MD Anderson Cancer Center, Houston, TX, Endocrinology Fellowship (Joint Program), September 1999, September 2001

Post-Doctorate, Mayo Clinic Rochester, MN, Internship, September 1996, September 1997

Post-Doctorate, Medical University of South Carolina, Charleston, SC, Postdoctoral Fellowship, September 2002, September 2003

Post-Doctorate, University of Texas, Houston, TX, Internal Medicine Residency, September 1997, September 1999

#### Additional Training

No activities entered.

#### Certifications

Thyroid Ultrasonography & Ultrasound Guided FNA Biopsy, Effective Date: 2003

Bone Densometry (ISCD), Effective Date: 2005

ABIM Endocrinology , Type of Certification: Recertification , Specialty: Endocrinology , Certification Number: 192067, Effective Date: 2021-06-30, Expiration Date (if none, see note above): 2025-12-31

ABIM Certification in Endocrinology, Effective Date: 2011

ABIM Certification in Endocrinology, Effective Date: 2001

#### Professional Licensures

SC Medical Board

ABIM Certification in Internal Medicine

ABIM Certification in Endocrinology , Month / Year Originally Conferred: August 2001, Month/Year Expires: July 2025

#### MUSC Rank and Promotion History

Visiting Instructor, Medical University of South Carolina, College of Medicine, Medicine, Endocrinology, 2002-09-01, 2002-10-31

Clinical Instructor, Medical University of South Carolina, College of Medicine, Medicine, Endocrinology, 2002-11-01, 2004-06-30

Professor, Medical University of South Carolina, College of Medicine, Medicine, Endocrinology, 2015-07-01

Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Endocrinology, 2010-07-01, 2015-06-30

Assistant Professor, Medical University of South Carolina, College of Medicine, Medicine, Endocrinology, 2004-07-01, 2010-06-30

#### Non-MUSC Rank and Promotion History

No activities entered.

Mino N. Kavarana, MD  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 792-3361  
kavarana@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1993 M.D., Medicine, M P Shah Medical College, Saurashtra University, India

Post-Graduate Training

Post-Doctorate, Columbia University / Presbyterian Hospital, Research Fellow Dept Ventr Assist & Cardiac Tx, July 1999, June 2000

Post-Doctorate, New York Medical College, Our Lady of Mercy Medical Center, Resident - Surgery, July 1996, June 1999

Post-Doctorate, New York Medical College, Our Lady of Mercy Medical Center, Resident - Surgery, July 2000, June 2001

Post-Doctorate, New York Medical College, Our Lady of Mercy Medical Center, Chief Resident - General Surgery, July 2001, June 2002

Post-Doctorate, University of Louisville, Fellow - Cardiothoracic Surgery, July 2002, April 2005

Post-Doctorate, University of Michigan, Fellow - Congenital Heart Surgery, July 2009, June 2010

Post-Doctorate, Breach Candy Hospital & Research Center, Bombay, Internship, July 1994, June 1996

Additional Training

No activities entered.

Certifications

American Board of Surgery - Cardiothoracic Surgery, Effective Date: 07/2005-12/2025

American Board of Surgery, Effective Date: 04/2003-07/2013

American Board of Congenital Cardiac Surgery, Effective Date: 06/2011-12/2021

Professional Licensures

Virginia State Medical License

South Carolina Medical License

Michigan State Medical License

Kentucky State Medical License

Connecticut State Medical License

MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Surgery, Cardiothoracic Surgery, 2019-01-01

Associate Professor, Medical University of South Carolina, College of Medicine, Surgery, Cardiothoracic Surgery, 2014-01-01, 2018-12-31

Assistant Professor, Medical University of South Carolina, College of Medicine, Surgery, Cardiothoracic Surgery,  
2010-07-01, 2013-12-31

Non-MUSC Rank and Promotion History

Assistant Professor, University of Louisville, Department of Surgery, Cardiovascular and Thoracic Surgery,  
2005-04-01, 2009-06-01



Reginald Munden, MD, DMD. MBA  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 792-4637  
munden@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2007	M.B.A., Business Administration, Auburn University
1990	M.D., Medicine, Medical University of South Carolina
1981	D.M.D., Dental Medicine, Medical University of South Carolina
1978	B.S., Biology, University of South Carolina

Post-Graduate Training

Fellowship, Harvard Medical School , Thoracic Radiology , July 1994, June 1995  
Residency, Medical University of South Carolina, Diagnostic Radiology , July 1990, June 1994

Additional Training

No activities entered.

Certifications

American Board of Radiology , Type of Certification: Board Certification, Specialty: Diagnostic Radiology,  
Certification Number: 494818, Effective Date: 1994-11-21

Professional Licensures

Texas State Medical License, Month / Year Originally Conferred: August 1995, Month/Year Expires: May 2022,  
Texas, J8328  
South Carolina State Medical License, Month / Year Originally Conferred: August 1991, Month/Year Expires: June  
2023, South Carolina, 15486  
North Carolina State Medical License, Month / Year Originally Conferred: September 2016, Month/Year Expires:  
June 2022, North Carolina, 2016-02125  
North Carolina DEA, Month / Year Originally Conferred: January 2019, Month/Year Expires: January 2022, North  
Carolina, BM4538596  
Massachusetts State Medical License, Month / Year Originally Conferred: January 1994, Month/Year Expires:  
December 1994, Massachusetts, 79323  
Alabama State Medical License, Month / Year Originally Conferred: January 2008, Month/Year Expires:  
December 2011, Alabama, 28666

MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2021-  
04-01

Non-MUSC Rank and Promotion History

Weill Cornell Medical College , Wake Forest School of Medicine , Department of Radiology , 2016-11-01

Senior Scientist , The University of Alabama at Birmingham , UAB Comprehensive Cancer Center, 2008-02-01, 2010-07-31

Section Chief, The University of Texas M. D. Anderson Cancer Center , Division of Diagnostic Imaging , 1998-01-01, 12-31-2007

Professor, Tenure , The University of Texas M. D. Anderson Cancer Center, Division of Diagnostic Imaging , 2010-08-01, 2013-11-30

Professor, Tenure , The University of Texas M. D. Anderson Cancer Center , Division of Diagnostic Imaging , 2006-01-01, 2008-01-31

Professor, Tenure , The University of Alabama at Birmingham , Department of Radiology , 2008-02-01, 2010-07-31

Professor of Radiology, Clinical Expertise and Innovation track , Houston Methodist , Institute for Academic Medicine (IAM) , 2014-07-01, 2016-10-31

Professor of Radiology, Adjunct , Houston Methodist , Institute for Academic Medicine (IAM) , 2017-01-01

Professor of Radiology , Houston Methodist Hospital , Weill Cornell Medical College , Department of Radiology , 2014-11-30, 2016-12-31

Full Clinical Member , Houston Methodist Research Institute , Department of Radiology , 2014-06-01, 2016-10-31

Chair, ad interim , The University of Texas M. D. Anderson Cancer Center , Department of Diagnostic Radiology, 2007-01-01

Chair , Houston Methodist Hospital , Department of Radiology , 2013-11-01, 2016-10-31

Chair, The University of Alabama at Birmingham , Department of Radiology , 2008-02-01, 2010-07-31

Associate Professor, Tenure , The University of Texas M. D. Anderson Cancer Center , Divisions of Diagnostic Imaging, 2001-01-01, 2006-12-31

Associate Division Head For Translational and Clinical Research , The University of Texas M. D. Anderson Cancer Center, Division of Diagnostic Imaging , 2005-01-01, 2008-12-31

Assistant Professor , The University of Texas M. D. Anderson Cancer Center , Division of Diagnostic Imaging , 1997-07-01, 2001-12-31

Assistant Professor , The University of Texas Houston Medical School , Department of Radiology , 1995-06-01, 1997-06-30

Clinical Instructor , Medical University of South Carolina , College of Dental Medicine, 1985-01-01

Assistant Professor , Medical University of South Carolina , College of Dental Medicine, 1985-07-01, 1988-08-31

Cassandra D. Salgado, MD, MS  
**Abbreviated Curriculum Vitae**  
Professor  
(843) 792-4541  
salgado@musc.edu

#### Personal Information

No activities entered.

#### Contact Information

No activities entered.

#### Degrees

2002	M.S., Health Evaluation Service and Epidemiology, University of Virginia, Virginia, United States
1995	M.D., Medicine, West Virginia University School of Medicine, West Virginia, United States
1990	B.A., Chemistry, West Virginia University, West Virginia, United States

#### Post-Graduate Training

Post-Doctorate, University of Virginia Health Systems, Fellow, Infectious Diseases, September 2000, September 2003

Post-Doctorate, West Virginia University Hospital, Intern, Internal Medicine and Pediatrics, September 1995, September 1996

Post-Doctorate, West Virginia University Hospital, Resident, Internal Medicine and Pediatrics, September 1996, September 1999

Post-Doctorate, West Virginia University Hospital, Chief Resident, Internal Medicine, September 1999, September 2000

#### Additional Training

No activities entered.

#### Certifications

American Board of Pediatrics, Effective Date: 1999

American Board of Internal Medicine: Infectious Diseases, Effective Date: 2003, 2013

American Board of Internal Medicine, Effective Date: 2000

#### Professional Licensures

West Virginia  
Virginia  
South Carolina  
North Carolina

#### MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Medicine, Infectious Diseases, 2013-07-01

Professor, Medical University of South Carolina, College of Medicine, Public Health Sciences, 2015-07-01

Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Infectious Diseases, 2008-07-01, 2013-06-30

Assistant Professor, Medical University of South Carolina, College of Medicine, Medicine, Infectious Diseases,

2004-09-01, 2008-06-30

Non-MUSC Rank and Promotion History

Instructor, West Virginia University, Department of Internal Medicine, 1999-09-01

Assistant Professor of Medicine, Brody School of Medicine at East Carolina University, Department of Internal Medicine, 2003-09-01

Wuwei Feng, MD, MS  
**Abbreviated Curriculum Vitae**  
Adjunct Professor  
843-792-9826  
feng@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2002	M.S., Biostatistics, University of Alabama, Birmingham, Alabama, United States
1996	M.D., Medicine, Xiangya School of Medicine

Post-Graduate Training

Post-Doctorate, Medical University of South Carolina, Neurology Chief Resident, July 2009, June 2010  
Post-Doctorate, University of Alabama at Birmingham, Neuroscience Research Fellow, July 1999, July 2000  
Post-Doctorate, Beth Israel Deaconess Medical Center, Harvard Medical School, Vascular Neurology Fellow, July 2010, June 2011  
Post-Doctorate, Department of Medicine, Medical University of South Carolina, Internship, July 2006, June 2007  
Post-Doctorate, Department of Neuroscience, Medical University of South Carolina, Neurology Resident, July 2006, June 2010

Additional Training

No activities entered.

Certifications

American Board of Vascular Neurology, Effective Date: 08/2011  
American Board of Neurology and Psychiatry, Effective Date: 09/2010

Professional Licensures

Medical license in Massachusetts (inactive)  
Medical license in South Carolina (active)

MUSC Rank and Promotion History

Affiliate Professor, Medical University of South Carolina, College of Health Professions, Health Sciences and Research, 2019-07-01, 2023-03-30  
Affiliate Professor, Medical University of South Carolina, College of Graduate Studies, 2012-12-05, 2019-06-30  
Affiliate Professor, Medical University of South Carolina, College of Health Professions, Health Sciences and Research, 2023-03-31, 2024-06-30  
Adjunct Professor, Medical University of South Carolina, College of Medicine, Neurology, 2023-03-31, 2024-06-30  
Professor, Medical University of South Carolina, College of Health Professions, Health Sciences and Research, 2019-01-01, 2019-06-30  
Professor, Medical University of South Carolina, College of Medicine, Neurology, 2019-01-01, 2019-06-30  
Associate Professor, Medical University of South Carolina, College of Health Professions, Health Sciences and

Research, 2016-01-01, 2018-12-31

Associate Professor, Medical University of South Carolina, College of Medicine, Neurology, 2016-01-01, 2018-12-31

Assistant Professor, Medical University of South Carolina, College of Medicine, Neurology, 2011-07-01, 2015-06-30

Assistant Professor, Medical University of South Carolina, College of Health Professions, Health Sciences and Research, 2011-12-01, 2015-12-31

Assistant Professor, Medical University of South Carolina, College of Medicine, Neurology, 2015-07-01, 2015-12-31

#### Non-MUSC Rank and Promotion History

No activities entered.

Daniel Herr, MD  
**Abbreviated Curriculum Vitae**  
Clinical Associate Professor  
herrda@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1981	M.D., Medicine, St. George's School of Medicine
1977	M.S., Pharmacology, Thomas Jefferson University
1974	B.A., Biology and American Studies, Wittenberg University

Post-Graduate Training

- Fellowship, Memorial SloanKettering, Cornell University, Critical Care - Medical and Surgical, July 1985, June 1986
- Fellowship, University of Maryland Hospital, Critical Care - Trauma, July 1984, June 1985
- Internship, Lebanon Hospital Center, Internal Medicine, July 1981, June 1982
- Residency, York Hospital , Internal Medicine, July 1982, June 1984

Additional Training

- 2009-01-01, 2009-12-31, United Council for Neurologic Subspecialties, Neuro-Critical Care , Certification

Certifications

- American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Critical Care Medicine, Certification Number: 096586, Effective Date: 1989-11-07, Expiration Date (if none, see note above): 2024-04-01
- American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Internal Medicine, Certification Number: 096586, Effective Date: 1987-09-16, Expiration Date (if none, see note above): 2024-04-01

Professional Licensures

- South Carolina Medical License, Month / Year Originally Conferred: November 2020, 85275
- Maryland Medical License, Month / Year Originally Conferred: October 1984, D31590

MUSC Rank and Promotion History

Non-MUSC Rank and Promotion History

- Associate Professor, University of Maryland Medical Center , Medicine, 2009-01-01, 2021-12-31
- Associate Professor, Georgetown University, Clinical Medicine, 2005-01-01, 2009-12-31

Thai Ho, MD, PhD  
**Abbreviated Curriculum Vitae**  
Associate Professor  
hotha@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2006	M.D., Medicine, Baylor College of Medicine
2005	Ph.D., Molecular and Cellular Biology, Baylor College of Medicine
1998	B.A., Chemistry, Texas A&M University

Post-Graduate Training

Fellowship, University of Texas MD Anderson Cancer Center, Medical Oncology , July 2009, June 2012  
Residency, Barnes-Jewish Hospital, Internal Medicine , July 2006, June 2009

Additional Training

No activities entered.

Certifications

No activities entered.

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Non-MUSC Rank and Promotion History

Instructor, Mayo Clinic (Scottsdale, AZ), Internal Medicine, 2012-01-01, 2013-12-31  
Associate Professor, Mayo Clinic, Scottsdale, AZ, Internal Medicine, 2020-01-01  
Assistant Professor, Mayo Clinic, Scottsdale, AZ, Internal Medicine, 2013-01-01, 2020-12-31



Brian Lally, MD  
**Abbreviated Curriculum Vitae**  
Associate Professor  
lallyb@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2000	M.D., Medicine, Thomas Jefferson University, Jefferson Medical College
1995	M.S., Bioengineering, University of Pennsylvania
1993	B.S.E., Bioengineering, University of Pennsylvania

Post-Graduate Training

Fellowship, Wake Forest University School of Medicine, Translational Radiation Oncology, August 2005, January 2008  
Internship, Geisinger Medical Center, Internal Medicine, July 2000, June 2001  
Residency, Yale University School of Medicine , Radiation Oncology , July 2001, June 2005

Additional Training

No activities entered.

Certifications

American Board of Radiology, Type of Certification: Board Certification, Specialty: Radiology, Certification Number: N/A, Effective Date: 2006-06-13, Expiration Date (if none, see note above): 2024-03-15

Professional Licensures

Pennsylvania Medical License, Month / Year Originally Conferred: November 2003, MD423422

MUSC Rank and Promotion History

Non-MUSC Rank and Promotion History

Associate Professor, Wake Forest University School of Medicine, 2014-09-01, 2016-09-30  
Assistant Professor, University of Miami Miller School of Medicine, 2009-04-01, 2014-08-31

Stephen Sidney, MD  
July 2022 - July 2023  
**Abbreviated Curriculum Vitae**  
Adjunct Professor  
sidneys@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1976	M.D., Medicine, Stanford University School of Medicine
1972	B.A., Mathematics , Yale University, New Haven, CT

Post-Graduate Training

Internship, University of California, Internal Medicine, June 1976, June 1977  
Residency, Kaiser Medical Center, Internal Medicine, June 1978, June 1982

Additional Training

No activities entered.

Certifications

American Board of Internal Medicine, Type of Certification: Board Certification , Certification Number: n/a,  
Effective Date: 011982

Professional Licensures

California Physician license, Month / Year Originally Conferred: PRESENT 1977

MUSC Rank and Promotion History

Adjunct Professor, Medical University of South Carolina, College of Medicine, Neurology, 2023-03-31, 2024-06-30

Non-MUSC Rank and Promotion History

No activities entered.

Garth R. Swanson, MD  
**Abbreviated Curriculum Vitae**  
Professor  
swanson@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2007	M.S., Clinical Research, Rush University
2001	M.D., Medicine, Medical University of South Carolina
1996	B.A., Williams College

Post-Graduate Training

Fellowship, Rush University Medical Center, Gastroenterology, July 2005, June 2008  
Residency, Rush University Medical Center, Internal Medicine, July 2001, June 2005

Additional Training

No activities entered.

Certifications

American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Internal Medicine, Effective Date: 2008, Expiration Date (if none, see note above): 2015  
American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Gastroenterology, Effective Date: 2008, Expiration Date (if none, see note above): 2028

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Medicine, Gastroenterology & Hepatology, 2023-06-01

Non-MUSC Rank and Promotion History

Professor, Rush University Medical Center,, Medicine, Anatomy & Cell Biology, 2021, 2023  
Professor, Rush University Medical Center, Medicine, Internal Medicine, Digestive Diseases & Nutrition, 2021, 2023  
Professor, Rush University Medical Center, Medicine, Internal Medicine, Precision Medicine, 2021, 2023  
Professor, Rush University Medical Center, Graduate College, 2021, 2023  
Clinical Instructor, Chief Resident, Rush University Medical Center, Medicine, Medicine, Internal Medicine, 2004, 2005  
Associate Professor, Rush University Medical Center, Medicine, Medicine, Digestive Diseases, 2014, 2021  
Associate Professor, Rush University Medical Center, Graduate College, 2018, 2021  
Assistant Professor, Rush University Medical Center, Medicine, Medicine, Digestive Diseases, 2008, 2014

Thomas Clayton Jhou, PhD  
**Abbreviated Curriculum Vitae**  
Associate Professor  
(843) 876-2290  
jhou@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

- |      |  |
|------|--|
| 2003 | Ph.D., Neurobiology, Harvard University, Massachusetts, United States<br>PhD, Harvard Medical School, Boston, US |
| 1995 | B.S., Computer Science, Massachusetts Institute of Technology, Massachusetts, United States                      |

Post-Graduate Training

Post-Doctorate, National Institute on Drug Abuse, Research Fellow, September 2008, July 2010

Additional Training

No activities entered.

Certifications

No activities entered.

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Adjunct Associate Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2023-06-05, 2004-06-30

Associate Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2019-07-01

Associate Professor, Medical University of South Carolina, College of Dental Medicine, Neuroscience Research, 2019-07-01

Associate Professor, Medical University of South Carolina, College of Graduate Studies, 2011-02-01

Assistant Professor, Medical University of South Carolina, College of Medicine, Neuroscience, 2010-08-01, 2019-06-30

Assistant Professor, Medical University of South Carolina, College of Dental Medicine, Neuroscience Research, 2010-08-01, 2019-06-30

Non-MUSC Rank and Promotion History

No activities entered.

Howard Li, MD  
**Abbreviated Curriculum Vitae**  
Affiliate Associate Professor  
lihow@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2002	M.D., Medicine, Vanderbilt University
1997	B.S., Chemistry, Stanford University

Post-Graduate Training

Postdoctoral Fellow, University of Colorado Anschutz Medical Campus, Pulmonary Sciences and Critical Care Medicine, July 2006, June 2007

Fellowship, University of Colorado Anschutz Medical Campus, Pulmonary Sciences and Critical Care Medicine, July 2007, June 2010

Residency, University of Colorado Health Sciences Center, Internal Medicine, July 2005, June 2006

Residency, University of Colorado Health Sciences Center, Internal Medicine, July 2002, June 2005

Additional Training

No activities entered.

Certifications

American Board of Internal Medicine, Type of Certification: Board Certification , Certification Number: n/a, Effective Date: 2006

Professional Licensures

Virginia State Medical License , Month / Year Originally Conferred: January 2018

MUSC Rank and Promotion History

Affiliate Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care Medicine, 2023-03-27, 2023-06-30

Associate Professor, Medical University of South Carolina, College of Medicine, Medicine, Pulmonary & Critical Care Medicine, 2023-07-01

Non-MUSC Rank and Promotion History

Associate Professor, Virginia Commonwealth University, 2018-01-09

Associate Professor, University of Colorado Anschutz Medical Campus, 2018-07-01, 2018-08-31

Assistant Professor, University of Colorado Anschutz Medical Campus, 2011-01-01, 2018-01-06

Martha Mappus Munden, MD  
**Abbreviated Curriculum Vitae**  
Professor  
843-792-4033  
mundenm@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

1988	M.D., Medicine, Medical University of South Carolina
1981	P.A., Physician Assistant, Medical University of South Carolina
1978	B.S., Microbiology, Clemson University

Post-Graduate Training

Fellowship, Medical University of South Carolina, Pediatric Radiology, January 1992, December 1993  
Residency, Medical University of South Carolina, Radiology, January 1988, December 1992

Additional Training

No activities entered.

Certifications

PALS , Type of Certification: Life Support Certification, Certification Number: N/A, Effective Date: 2020-12-03, Expiration Date (if none, see note above): 2022-12-31  
American Board of Radiology, Type of Certification: Board Certification, Specialty: Pediatric Radiology, Certification Number: N/A, Effective Date: 1996-11-04, Expiration Date (if none, see note above): 2022-03-15  
American Board of Radiology, Type of Certification: Board Certification, Certification Number: N/A, Effective Date: 1992-06-04, Lifetime Board Certification: Yes

Professional Licensures

Texas Medical License, Month / Year Originally Conferred: January 1995, Month/Year Expires: December 2017, J9229  
South Carolina Medical License, Month / Year Originally Conferred: PRESENT 1989, South Carolina, MD14458  
North Carolina Medical License, Month / Year Originally Conferred: PRESENT 2016, 2016-02523  
Massachusetts Medical License, Month / Year Originally Conferred: January 1993, Month/Year Expires: December 1995, 79563  
Alabama State License, Month / Year Originally Conferred: January 2008, Month/Year Expires: December 2010

MUSC Rank and Promotion History

Affiliate Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2023-06-01, 2026-06-30  
Professor, Medical University of South Carolina, College of Medicine, Radiology and Radiological Science, 2021-04-01

Non-MUSC Rank and Promotion History

Professor, Brenner Children's Hospital, Wake Forest School of Medicine, Department of Radiology, 2017

Associate Professor, Texas Children's Hospital, Baylor College of Medicine, 2009, 2017

Associate Professor, Children's Health System of Alabama, Pediatric Radiology, 2008, 2009

Assistant Professor, Texas Children's Hospital, Pediatric Radiology, 1995, 2008

Assistant Professor, New England Medical Center, Tufts University, Pediatric Radiology, 1994, 1995

Garth R. Swanson, MD  
**Abbreviated Curriculum Vitae**  
Professor  
swanson@musc.edu

Personal Information

No activities entered.

Contact Information

No activities entered.

Degrees

2007	M.S., Clinical Research, Rush University
2001	M.D., Medicine, Medical University of South Carolina
1996	B.A., Williams College

Post-Graduate Training

Fellowship, Rush University Medical Center, Gastroenterology, July 2005, June 2008  
Residency, Rush University Medical Center, Internal Medicine, July 2001, June 2005

Additional Training

No activities entered.

Certifications

American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Internal Medicine, Effective Date: 2008, Expiration Date (if none, see note above): 2015  
American Board of Internal Medicine, Type of Certification: Board Certification, Specialty: Gastroenterology, Effective Date: 2008, Expiration Date (if none, see note above): 2028

Professional Licensures

No activities entered.

MUSC Rank and Promotion History

Professor, Medical University of South Carolina, College of Medicine, Medicine, Gastroenterology & Hepatology, 2023-06-01

Non-MUSC Rank and Promotion History

Professor, Rush University Medical Center,, Medicine, Anatomy & Cell Biology, 2021, 2023  
Professor, Rush University Medical Center, Medicine, Internal Medicine, Digestive Diseases & Nutrition, 2021, 2023  
Professor, Rush University Medical Center, Medicine, Internal Medicine, Precision Medicine, 2021, 2023  
Professor, Rush University Medical Center, Graduate College, 2021, 2023  
Clinical Instructor, Chief Resident, Rush University Medical Center, Medicine, Medicine, Internal Medicine, 2004, 2005  
Associate Professor, Rush University Medical Center, Medicine, Medicine, Digestive Diseases, 2014, 2021  
Associate Professor, Rush University Medical Center, Graduate College, 2018, 2021  
Assistant Professor, Rush University Medical Center, Medicine, Medicine, Digestive Diseases, 2008, 2014