

**SUMMARY OF REQUEST**

**DATE:** May 31, 2023

**FACILITY:** Broward Health System Wide

**PROGRAM/PRODUCT LINE:** Graduate Medical Education Executive Summary

**REQUEST:** Presentation of Executive Summary of the Annual Institutional Review of Broward Health Graduate Education programs

**PURPOSE:** To demonstrate compliance with the Accreditation Council for Graduate Medical Education (ACGME) Institutional Requirements

**CAPITAL REQUIRED:** None.


**FINAL FMV REPORT RECEIVED<sup>1</sup>:** Not Applicable

**FISCAL IMPACT:** Not Applicable

**BUDGET STATUS:** Not Applicable

**PRACTICIONER CV<sup>2</sup>:** Not Applicable

**LEGAL REVIEW:** Not Applicable.

**APPROVED:**  Shane Strum  
05/24/2023 13:00 EDT **DATE:** \_\_\_\_\_  
Shane Strum, President/CEO

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<sup>1</sup> This applies to physician/physician group contracts

<sup>2</sup> This applies to physician contracts

**MEMORANDUM**

**TO:** Board of Commissioners  
**FROM:** Shane Strum, President/CEO BH  
**DATE:** May 31, 2023  
**SUBJECT:** Presentation of Executive Summary of the Annual Institutional Review of  
Broward Health Graduate Education Programs

**BACKGROUND**

Graduate Medical Education Programs educate and train the Physician workforce of the future. Teaching Hospitals provide care to patients who may not be able to find care elsewhere. Training is provided in an innovative, team- based environment which allows Residents and Fellows to develop the skills necessary to deliver high quality, patient focused care and to become leaders in complex health care environments. Broward Health is the Sponsoring Institution currently for one statutory teaching hospital and is responsible for the training of Residents in multiple Residency and Fellowship Programs at all Hospital sites and several ambulatory sites.

The Sponsoring Institution must demonstrate its commitment to Graduate Medical Education by providing the necessary financial support for administrative, educational, human and clinical resources, including personnel as per the ACGME Institutional Requirements.

**ACTION/PROJECT DESCRIPTION**

Presentation of the Executive Summary of the Annual Institutional Review of Broward Health Graduate Education Programs and demonstrate Sponsoring Institution Commitment.

**FINANCIAL /BUDGETARY IMPACT**

Not applicable for this request

### **JUSTIFICATION**

The Sponsoring Institution must be in substantial compliance with the ACGME Institutional requirements. The DIO must submit a written executive summary of the Annual Institutional Report to the Sponsoring Institution's Governing Body.

### **STAFF RECOMMENDATION**

Therefore, it is requested that the Board of Commissioners of the North Broward Hospital District accept the Broward Health Graduate Medical Education Executive Summary of the Annual Institutional Report.

### **ATTACHMENT**

GME Executive Summary

Executive Summary PowerPoint

ACGME Institutional Requirements

## GME EXECUTIVE SUMMARY

Graduate Medical Education (GME) involves a commitment by Broward Health leadership and the Medical Staff to train future Physicians to care for patients in the community. Resident Physicians play an integral role in the care of indigent, uninsured, and underserved patients during their residency. Resident Physicians are more likely to practice in the state where they complete their Graduate Medical Education training. 59% of the Physicians who completed Residency training in Florida in 2020 were retained to practice medicine in the State. The current demand for Physicians is growing faster than the supply of Physicians. It is projected that by the year 2035 there will be a total shortfall of 17,924 Physicians who will only be capable of caring for approximately 77% of the population. This shortage will encompass both Primary Care Providers and Specialists. The population growth in the State and the growing elderly population who will require greater levels of care, continue to be the primary drivers of the increasing Physician numbers needed in the next fifteen years. The population of Florida has grown 13.4 % from 2012 to 2022. 31.3% of Florida's 67 counties have a per capita rate of less than 10 physicians per 10,000 population. In the State of Florida almost 60% of Physicians are age 50 and older, 33% of practicing Physicians are age 60 years and older and 25.2% are between ages 50 and 59. The average age of practicing Physicians is 53 years old. The percentage of Physicians working past typical retirement age (65 or older) is 20.6 %. There are just under twice as many Physicians age 60 years and over than there are Physicians under the age of 40. A total of 9.7% of active Physicians plan to retire in the next five years. The five specialties with the most Physicians indicating their intention to retire in the next five years are Internal Medicine, Family Medicine, Anesthesiology, Surgery and Pediatrics. 61.8% of Physicians reported using Telemedicine in their practice. The COVID -19 Pandemic has compounded the issue. It will have short- and long-term consequences on the Physician workforce including educational pipeline issues [the interruption of educational and clinical exposure], how medicine is practiced [ telehealth], workforce exits [physician burnout, illness and death], and Specialty interest shifts. The growth of the Graduate Medical Education Programs at Broward Health aligns with the mission of Broward Health to provide excellent, evidence-based care to the citizens of Broward County and the surrounding communities.

The attached presentation highlights the areas of development and performance of the GME programs during the academic year 2021 to 2022.

The Sponsoring Institution of the ACGME accredited programs continues to be Broward Health, as a GME Consortium since April 2019. All individual Specialty Programs were in good standing in Academic Year 2021 -2022 with Continued Accreditation (10-year cycles) achieved for all established eligible programs. Family Medicine and General Surgery achieved Continued Accreditation in Academic Year 2021-2022. Internal Medicine at Broward Health North achieved Continued Accreditation in Academic Year 2022 -2023. Several newly developed programs are currently in Initial Accreditation (2-year cycles) - Emergency Medicine, Transitional Year at BHN, Psychiatry, Surgical Critical Care and Ophthalmology.

The results of the mandatory ACGME Resident and Faculty surveys are summarized and included. Over the 2021 -2022 academic year, identified areas of improvement included the continued need to provide protected time for Core Faculty to have availability for structured teaching, didactics and research, resource

development to facilitate distance learning technology, the expansion of Resident and Faculty wellness initiatives and funding of scholarly project submissions. Action Plans were developed and monitored to expand Core Faculty Contracts and Clinical Faculty Contracts for all newly developed programs. Distance Learning opportunities were expanded for Faculty Development and Resident integrated didactics at all Broward Health sites. The Clinical Learning Environment was monitored closely to ensure opportunities for Resident and Faculty wellness. Diversity, Equity and Inclusion initiatives were expanded including the development of Mentorship Programs and increased Didactic content focused on this area. The Survey scores are monitored closely and have improved in several domains over the past academic year. Residents and Faculty have substantial compliance and excellent completion rates of the required surveys.

Citations have been summarized for the Individual programs. Institutional Action Plans have been included. Institutional Action plans also included expanding Orientation to two weeks to address clinical deficiencies that may have been caused by decreased clinical exposure in medical school, expanding simulation and procedural training, implementation of Resident Score Card for feedback on practice patterns, and creating new affiliations with health systems for enhanced, unique resident rotations. Four programs had new citations many of which were resolved quickly. The Institution was commended for substantial compliance with the ACGME requirements and there were no citations for the Institution.

Recruitment into the GME programs has been very successful over the past three years. In academic year 2021 -2022 there were two programs with five spots total that had to be filled after the match. The three-year board passage rate has also been good with all programs participating in robust board preparation curricula. The documentation of Work Hours by Residents weekly has resulted in substantial compliance for all programs and great vigilance is undertaken to ensure work hour violations do not occur. Time to evaluation completion by Residents and Faculty is monitored closely and has improved with most Faculty members completing the evaluations electronically. Timely Medical record completion was also monitored closely and has improved. Monitoring of Institutional Performance Indicators is performed monthly and reported to the GMEC.

Residents graduating from Broward Health Programs continue to be accepted into competitive Fellowship programs and job opportunities in the State of Florida and throughout the United States. Recent Fellowship Acceptances have been included. Recruitment into Broward Health practices and Broward Health facilities have also improved over the past three years with many of our graduates joining the medical staffs at our hospitals in a variety of disciplines. Residency Recruitment Fairs have been reinstated with Employers from across Broward County represented.

Broward Health has embarked upon a comprehensive GME expansion project which will help to address some of the projected Physician Workforce shortages in our communities. Several Residency and Fellowship Programs will be developed at Broward Health North over the next 2 years. A current status of the expansion and the estimated growth plan has been included.

At present all of the established GME programs are in good standing with stable accreditation statuses. The GME expansion has progressed according to established timelines with Initial Accreditation granted for all new Program applications. Our Residents have published multiple papers, presented at National and

International Academic Meetings and received many Grants and Awards. The COVID -19 Pandemic while initially affecting inpatient and outpatient volumes and rotation availability, did not adversely affect the

competence or required procedural volumes for our Graduating Residents in Academic Year 2021 to 2022. The Graduate Medical Education Department remains focused on Quality Improvement, Patient Safety initiatives, interdisciplinary teams and integrating Residency training with the Operational directives of the Primary clinical sites. Resident and Faculty wellness have been of paramount importance. We are dedicated to the recruitment and retention of competent Physicians, ongoing GME expansion opportunities, creating an Academic Medical Center at Broward Health North, while being cognizant of the significant impact that the impending workforce shortages will have on the health of our community. Graduate Medical Education is aligned with the Mission and Vision of Broward Health.

# Graduate Medical Education (GME) FY2023 Executive Summary

Joshua Lenchus, DO, Corporate Interim CMO

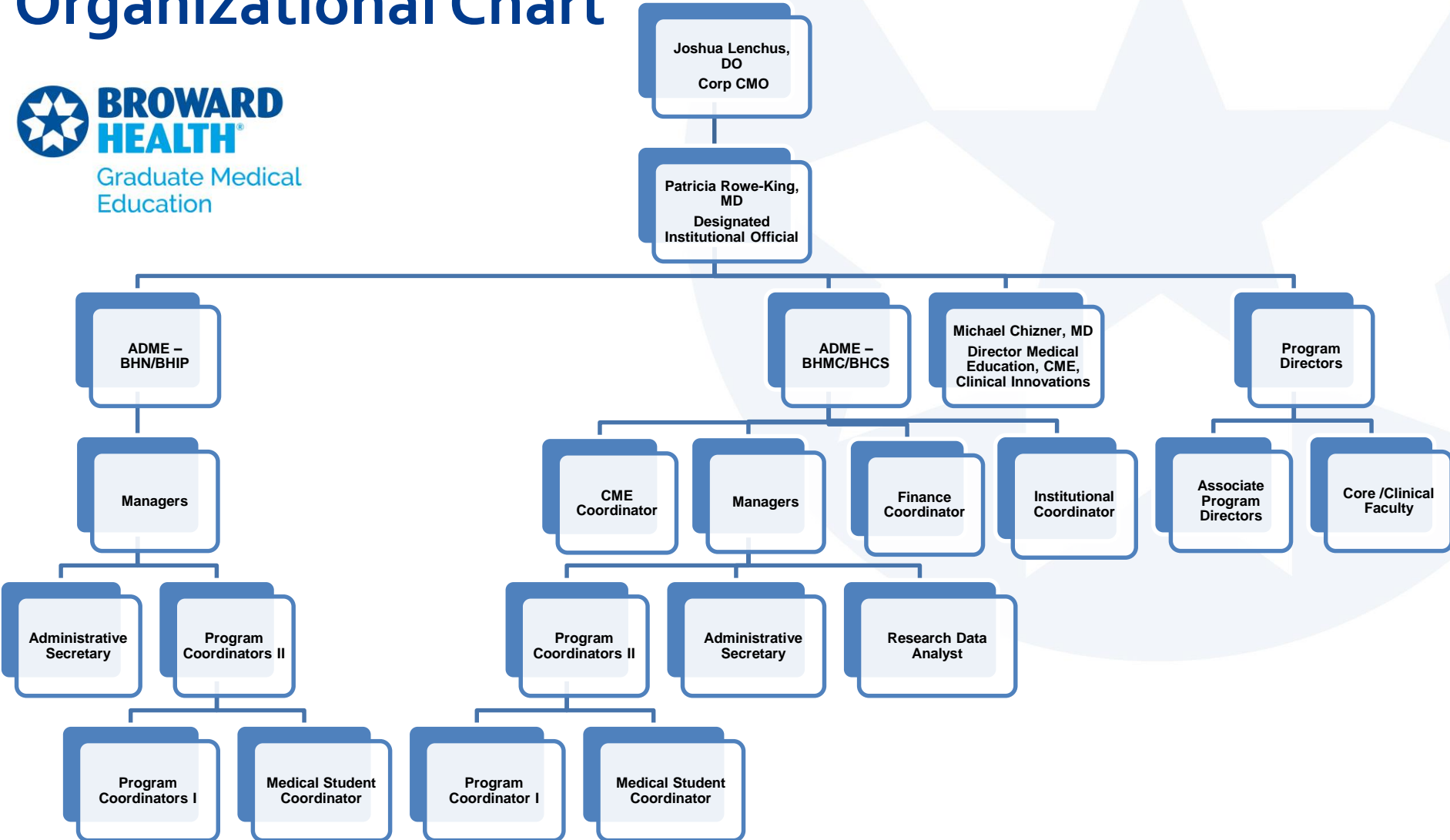
Patricia Rowe-King, MD, Designated Institutional Official

Tatiana Garcia, ADME BHMC / BHCS

Bibiana Avendano, ADME BHN/BHIP



# Organizational Chart





# EXECUTIVE SUMMARY

## Quality

- 100% of residents participated in Quality and Safety Rotations where they receive education on hospital quality metrics
- Additional teaching surgical consoles robotic trainers obtained for BHIP and BHN
- Maintained resident and student compliance with hand hygiene averaging 94.52% for 2022
- Ultrasound teaching curriculum expanded and Central line training curriculum in progress.
- Increased Resident participation in RCAs
- Back to Bedside Initiative focused on decreased number of tests ordered and increased patient satisfaction
- Increased ePrescribe utilization

# EXECUTIVE SUMMARY

## Service

- Continued Diversity and Inclusion Initiatives such as Desk to Docs Mentorship Program
- Added a Research Data Analyst which decreased all data requests to IT
- Resident continued involvement in community outreach and educational activities
- Implementation planning of Enduring Material platform for Medical Staff and Residents
- Residents participated in community service initiatives such as vaccine drives and back to school initiatives

# EXECUTIVE SUMMARY

## People

- Continued recruitment of new staff for new program development
- Continued recruitment of new Program Directors, Associate Program Directors, Core and Clinical Faculty for GME expansion
- Recruitment of Trainees into current and new Residency Programs
- Increased Coordinator attendance at specialty specific national meetings and/or ACGME annual meetings
- Recruited new GME Director for BHN and BHIP to join the GME Director for BHMC and BHCS.
- Increased GME trainings for GME staff

# EXECUTIVE SUMMARY

## People

- Increased recruitment of Residents/Fellows into Broward Health practices and Medical Staffs
- Ongoing planning for recruitment fairs
- Increased wellness events for Residents and Fellows
- Restarted quarterly resident townhalls at BHMC and implemented quarterly resident townhalls at BHN
- Largest class of 109 Residents/Fellows for the 2022-2023 academic year onboarded with no issues
- Created Alumni page on website

# EXECUTIVE SUMMARY

## Growth

- Continued GME Expansion utilizing Residency training at all four hospitals
- Achieved Initial ACGME Program Accreditation for Surgical Critical Care at BHN and Continued ACGME Program Accreditation for General Surgery at BHMC and Internal Medicine at BHN.
- Recruited a second CME Coordinator
- Increased CME offerings from last calendar year
- Expanded Medical Student Affiliations for Core Training
- Plans initiated for GME space expansion at BHN and BHMC.
- Expanding the affiliation with Florida Atlantic University for academic partnership with Broward Health North

# EXECUTIVE SUMMARY

## Finance

- Expanded funding for reimbursement from the Veteran's Administration for Dermatology residency rotations
- Expanded Medical Student Affiliations for Medical Student Core Clerkship Training and received payments for those clinical rotations
- Continued receiving reimbursement for OMFS residents rotating to Memorial Health System
- Reorganized GME physician timesheets to be centralized through GME. Approvers have been streamlined for greater efficiency.
- Completed Resident Compensation audit with 100% of payment to residents aligning with annual contract terms

# THE VALUE OF GME

## Patients

- Quality and safety
- Continuity of care
- Community service

## Providers

- Retention of patients
- Retention of providers
- Support academic activities of our providers
- Training future workforce

## Institution

- Institutional reputation
- Financial outcomes
- Involvement in Patient Safety and Quality Initiatives
- Research

# Accreditation

- **Accreditation Council for Graduate Medical Education (ACGME)**
  - **Sponsoring Institution Broward Health**
    - Broward Health Medical Center
    - Salah Foundation Children's Hospital
    - Broward Health North
    - Broward Health Imperial Point
    - Broward Health Coral Springs
- **Commission on Dental Accreditation (CODA)**
  - Joint Accreditation with Nova Southeastern University
  - Broward Health Medical Center
- **American Society of Health-System Pharmacists (ASHP)**
  - Broward Health Medical Center



# INVENTORY OF GME RESIDENCY PROGRAMS AND FELLOWSHIPS

Programs	Accreditation Status	Accrediting Body	# of New Residents 22-23	# Current residents AY22-23	Total # of Residents at full compliment
Cardiology	Continued	ACGME	3	9	9
Dermatology	Continued	ACGME	3	9	9
Emergency Medicine	Initial	ACGME	13	26	39
Family Medicine	Continued	ACGME	5	15	15
Internal Medicine - BHMC	Continued	ACGME	16	48	48
Internal Medicine – BHN	Continued	ACGME	15	30	45
Orthopedic Surgery	Continued	ACGME	3	15	15
Pediatrics	Continued	ACGME	8	24	24
Ophthalmology	Initial	ACGME	4	4	8
Psychiatry	Initial	ACGME	5	10	20
Surgery	Continued	ACGME	6	24	30
Surgical Critical Care	Initial	ACGME	0	0	2
Transitional Year - BHMC	Continued	ACGME	4	4	4
Transitional Year - BHN	Initial	ACGME	16	16	16
Oral Maxillofacial Surgery	Continued	CODA	3	12	12
Pharmacy Hospitalist	Continued	ASHP	4	4	4
Pharmacy Informatics	Continued	ASHP	1	1	1
<b>Total Number of Current Residents</b>			<b>109</b>	<b>251</b>	<b>301</b>

# CURRENT GME FOOTPRINT BH SPONSORED TRAINING PROGRAMS

## BH TEACHING HOSPITALS



**Broward Health  
Medical Center  
(BHMC)**  
11 Programs



**Broward Health North  
(BHN)**  
5 Programs



**Broward Health Coral  
Springs (BHCS)**



**Broward Health  
Imperial Point (BHIP)**  
1 Program

**Cardiology - BHMC**

Continued Accreditation

**Dermatology - BHMC**

Continued Accreditation

**Family Medicine - BHMC**

Continued Accreditation

**General Surgery - BHMC**

Initial Accreditation

**Internal Medicine - BHMC**

Continued Accreditation

**Ophthalmology - BHN**

Initial Accreditation

**Oral Maxillofacial Surgery - BHMC**

CODA Continued Accreditation

**Orthopedics - BHMC**

Continued Accreditation

**Pediatrics - BHMC**

Continued Accreditation

**Pharmacy Hospitalist - BHMC**

ASHP Continued Accreditation

**Pharmacy Informatics - BHMC**

ASHP Continued Accreditation

**Transitional Year - BHMC**

Continued Accreditation

**Emergency Medicine - BHN**

Initial Accreditation

**Internal Medicine - BHN**

Initial Accreditation

**Transitional Year - BHN**

Initial Accreditation

**Psychiatry - BHIP**

Initial Accreditation

**Surgical Critical Care - BHN**

Initial Accreditation



**BROWARD HEALTH**

# GROWTH PLAN – BROWARD HEALTH NORTH

Program	Expected Year of Accreditation	# of Resident per Year	# of Training Years	Total # of Residents
Emergency Medicine	(FY22) 2021-2022	15	3	45
Emergency Medical Services	(FY25) 2024-2025	2	1	2
Gastroenterology	FY24) 2023-2024	2	3	6
Hematology /Oncology	(FY25) 2024-2025	2	3	6
Infectious Disease	(FY25) 2024-2025	2	3	4
Internal Medicine	(FY22) 2021-2022	15	3	45
Nephrology	(FY24) 2023-2024	2	2	4
Neurology	(FY25) 2024-2025	3	3	9
Ophthalmology	(FY22) 2021-2022	2	4	8
Otolaryngology	(FY25) 2024-2025	2	5	10
Palliative Care (Internal Medicine)	(FY24) 2023-2024	2	1	2
Physical Medicine & Rehabilitation	(FY25) 2024-2025	4	4	16
Plastic Surgery	(FY25) 2024-2025	1	3	3
Pulmonology Critical Care	(FY24) 2023-2024	3	3	9
Surgical Critical Care (Trauma Surgery)	(FY24) 2023-2024	2	1	2
Transitional Year - BHN	(FY22) 2021-2022	22	1	22
		<b>Total at Full Compliment</b>		<b>193</b>

# GROWTH PLAN – BHMC

Program	Expected Accreditation Year	# of Resident per Year	# of Training Years	Total # of Residents
Interventional Cardiology	(FY26) 2025-2026	2	1	2
OB/GYN & Peds Sub	2025-2028	Dependent on CAP transfer and new Reimbursement regulations potentially implemented in FY23		

# GROWTH PLAN – BHIP

Program	Expected Accreditation Year	# of Resident per Year	# of Training Years	Total # of Residents
Psychiatry	(FY22) 2021-2022	5	4	20
<b>Total Number of Residents at Maturity of all programs</b>				<b>386</b>

# GROWTH PLAN ANTICIPATED OUTCOMES

Statutory Teaching Hospital Status for BHN	7/1/2024
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# RESIDENT ROTATORS AT BROWARD HEALTH

## Current Resident Rotators

Cleveland Clinic Plastic Surgery Residents

Mount Sinai General Surgery Residents

Mount Sinai OB/GYN Residents

Mount Sinai Podiatry Residents

Northwestern Medical Center Podiatry Residents

Nova Advanced Education in General Dentistry Residents

Nova Pediatric Dental Residents

Steward PHG Critical Care Fellows

## Upcoming Rotators

Baptist Health General Surgery Residents

# CURRENT COMPETITIVE LANDSCAPE

Sponsoring Institution	# of Programs	Sponsor Accreditation Status
Baptist Health South Florida	6	Continued
Borinquen Health Care, Inc	1	Continued
Citrus Health Network, Inc	2	Continued
Cleveland Clinic Florida	11	Continued
Community Center of South Florida Inc	2	Continued
Florida Atlantic University	9	Continued
HCA Healthcare JFK Medical Center/U of Miami SOM–GME Consortium	8	Continued
Lakeside Medical Center	1	Continued
Larkin Community Hospital	18	Probationary, Under Appeal
Larkin Community Hospital / Palm Springs	23	Continued
Memorial Health System	14	Continued
Mount Sinai Medical Center of Florida, Inc	13	Continued
Nicklaus Children’s Hospital	16	Continued
Nova Southeastern University Osteopathic	3	Continued
Palmetto General Hospital	8	Continued
U of Miami/Jackson	100	Continued
University of Miami Hospital and Clinics	3	Continued

# FUTURE COMPETITIVE LANDSCAPE

Sponsoring Institution	# of Programs	Sponsor Accreditation Status
HCA Health Care East FL Div.	32	Initial
Florida International University	1	Initial
Jessie Trice Community Health System, Inc	0	Initial
Life is Beautiful MD Family Practice	0	Initial
Southern Winds Hospital	1	Initial
Sunview Medical Center	0	Initial

# GME ACADEMIC PARTNERS

School	Learner Type
Florida Atlantic University	Allopathic
Florida International University	Allopathic
Meharry Medical College	Allopathic
Nova Southeastern University	Osteopathic & Allopathic
University of Miami	Allopathic



# MEDICAL STUDENT AFFILIATIONS

Medical Students	Medical Students
A. T. Still University Kirksville College of Osteopathic Medicine	New York Institute of Technology
A.T. Still University School of Osteopathic Medicine in Arizona	New York Institute of Technology College of Osteopathic Medicine at Arkansas State University
The Alabama College of Osteopathic Medicine, Inc	Nova Southeastern University – Osteopathic/Allopathic
Arkansas University College of Health Education	Ohio University
Burrell College of Osteopathic Medicine	Philadelphia College of Osteopathic Medicine – Georgia Campus
Center for Haitian Studies (CHS)	Rocky Vista University College of Osteopathic Medicine
Edward Via College of Osteopathic Medicine (Auburn, Carolinas', and Virginia)	Rowan University School of Osteopathic Medicine
Florida Atlantic University	Saint George University
Florida International University	The University of North Texas College of Osteopathic Medicine
Kansas City University	University of Miami on behalf if its Miller School of Medicine
Lake Erie College of Osteopathic Medicine (LECOM)	Wake Forest University
Lincoln Memorial University	William Carey University College of Osteopathic Medicine
Meharry Medical College	

# UNDERGRADUATE DENTAL/GRADUATE STUDENT AFFILIATIONS

Dental Students	Physician Assistants	APRNs	SRNAs
Nova Southeastern University	Barry University	Barry University	Barry University
	Elon University	Baylor University	Florida International University
	Florida International University	Florida Atlantic University	
	Medical University of South Carolina	Florida International University	
	Nova Southeastern University	Herzing University, Ltd.	
	South University West Palm Beach	Lewis University	
		Nova Southeastern University	
		University of South Alabama	
		University of South Florida	
		Vanderbilt University	
		Walden University	

# ACGME RESIDENT AND FACULTY SURVEY 2021 - 2022

## Resident Survey

Content Area	Institution Mean 21-22	Previous Year 20-21
Resources	4.4	4.4
Professionalism	4.5	4.6
Patient Safety and Teamwork	4.5	4.6
Faculty Teaching and Supervision	4.5	4.4
Evaluation	4.8	4.8
Educational Content	4.6	4.7
Diversity & Inclusion	4.6	4.6
Clinical Experience and Education	4.8	4.9

1. 21-22- 97 % Resident Response Rate
2. 20-21 – 92 % Resident Response Rate

## Faculty Survey

Content Area	Institution Mean 21-22	Previous Year 20-21
Resources	4.5	4.6
Professionalism	4.7	4.7
Patient Safety and Teamwork	4.5	4.5
Faculty Teaching and Supervision	4.8	4.7
Educational Content	4.8	4.8
Diversity & Inclusion	4.6	4.5

1. 21-22- 85% Faculty Response Rate
2. 20-21- 88% Faculty Response Rate

# CITATIONS BY PROGRAM

Program	2019 - 2020	2020-2021	2021-2022
Cardiology	NONE	NONE	NONE
Dermatology	NONE	4 total	NONE
Emergency Medicine	N/A	New: 2 total	Extended: 2 total
Family Medicine	Extended: 2 total Resolved: 6 total	Extended: 2 total	Extended: 1 total New: 1 total Resolved: 1 total
General Surgery	NONE	NONE	NONE
Internal Medicine- BHMC	Resolved: 1 total New: 2l	NONE	NONE
Internal Medicine BHN	N/A	NONE	NONE
Ophthalmology	N/A	N/A	New: 3 total
Orthopedic Surgery	Extended: 3 total Resolved: 1 total	Resolved: 3 total New:1 total	New: 2 total Resolved: 1 total
Oral Maxillofacial Surgery	N/A	N/A	N/A
Pediatrics	NONE	NONE	NONE
Psychiatry	N/A	NONE	NONE
Transitional Year-BHMC	NONE	NONE	NONE
Transitional Year- BHN	N/A	N/A	New: 1 total

# INSTITUTIONAL ACCREDITATION 2021-2022

**NO CITATIONS**

# INSTITUTIONAL ACTION PLANS 2021- 2022

- Continue GME expansion to address workforce shortages
- Core and Clinical Faculty teaching contracts extended to all new program faculty to ensure protected time for teaching and administration of programs
- Attain initial accreditation status for all new programs, maintain accreditation for current programs, and convert programs on initial accreditation to continued accreditation
- Continued to focus on Faculty and Resident wellness
- Expand Back to the Bedside Initiative to multiple primary care programs to decrease length of stay, increase patient satisfaction, and increase resource utilization efficiency
- Expand Orientation to 2 weeks to assess competency and provide more content to incoming Residents who experienced medical student training in COVID
- Equip all 4 hospitals with state of the art audiovisual technology for distance learning
- Ensure GME Performance Metrics are met

# INSTITUTIONAL ACTION PLANS 2021- 2022

- Monitor for safe learning environment for Residents and Fellows and track patient and procedural volumes
- Expand simulation and procedural training to address gaps of training encountered by medical student training during the pandemic
- Create accessibility to Cadaver lab utilization
- Implementation of Resident Score Card to provide feedback to Resident on practice patterns
- Reinstitute recruitment fairs for Residents to gain knowledge of upcoming job opportunities within the BH system and surrounding community
- Expand opportunities for Resident and Faculty mentorship of unrepresented minorities in medicine in pipeline programs
- Increase access to board preparation materials for all the programs.
- New affiliations with health systems for expanded resident rotations

# ACCREDITATION, ACCOMPLISHMENTS AND ACCOLADES AY21-22

## Accreditation Council for Graduate Medical Education (ACGME)

### – Institutional - Continued

- The Review Committee commended the Institution for its demonstrated substantial compliance with the ACGME's Institutional Requirements without any new citations

### – Cardiology - Continued

- The Review Committee commended the program for its demonstrated substantial compliance with the ACGME's Program Requirements and/or Institutional Requirements without any new citations

### – Dermatology – Continued

- The Review Committee commended the program for its demonstrated substantial compliance with the ACGME's Program Requirements and/or Institutional Requirements without any new citations

### – Internal Medicine – BHMC – Continued

- The Review Committee commended the program for its demonstrated substantial compliance with the ACGME's Program Requirements and/or Institutional Requirements without any new citations



# ACCREDITATION, ACCOMPLISHMENTS AND ACCOLADES AY21-22

## Accreditation Council for Graduate Medical Education (ACGME)

### – **Internal Medicine – BHN – Continued**

- The Review Committee commended the program for its demonstrated substantial compliance with the ACGME's Program Requirements and/or institutional Requirements without any new citations.

### – **Pediatrics - Continued**

- The Review Committee commended the program for its demonstrated substantial compliance with the ACGME's Program Requirements and/or Institutional Requirements without any new citations

### – **Transitional Year - BHMC - Continued**

- The Review Committee commended the program for its demonstrated substantial compliance with the ACGME's Program Requirements and/or Institutional Requirements without any new citations

# GME ACCOLADES

Broward Health's Orthopedic Residency was the **6<sup>th</sup> most viewed** Orthopaedic Residency Program in the 2022 American Medical Associations (AMA)'s FREIDA, the AMA Residency and Fellowship Database.

- 207 Programs
- More than 98,000 views of Orthopaedic Surgery Residency Programs
- January 1 – December 31, 2022

<https://www.ama-assn.org/medical-students/preparing-residency/10-most-viewed-orthopaedic-surgery-residency-programs>

## 2022 FREIDA™ data

In 2022, FREIDA™ users tallied more than 98,000 views of orthopaedic surgery residency programs. In this list, we pare the 207 programs down to the 10 orthopaedic surgery residency programs ranked at the top for user interest.

### Get residency-ready with AMA benefits

- Find your perfect match with FREIDA™, the AMA Residency & Fellowship Database®
- Distinguish yourself with AMA leadership opportunities

Join the AMA Today

Supporting you today as a medical student. Protecting your future as a physician.

Rankings are based on identified medical student activity on [FREIDA™, the AMA Residency & Fellowship Database®](#), from Jan. 1-Dec. 31, 2022. FREIDA allows medical students to search for a residency or fellowship from more than 13,000 programs—all accredited by the Accreditation Council for Graduate Medical Education.

## Specialty description

Orthopaedics is the study of diseases and disorders of the muscles, ligaments, tendons and bones of the body in patients of all ages. This encompasses fractures, injuries and diseases of the spine, pelvis, arms and legs. Orthopaedics is a rewarding career for those who choose to enter this surgical subspecialty. The surgeries performed typically are among the most reliable, cost-effective procedures in health care. In many cases, patients achieve relief of their symptoms within several weeks to months after surgery, and quickly return to their preoperative function.

## The 10-most viewed orthopaedic surgery programs

- 1 [University of Alabama Medical Center Program](#)
- 2 [Mayo Clinic College of Medicine and Science \(Arizona\) Program](#)
- 3 [University of Arkansas for Medical Sciences \(UAMS\) College of Medicine Program](#)
- 4 [University of Florida Program](#)
- 5 [University of Colorado Program](#)
- 6 [Broward Health Program](#)

# GME RESIDENCY MATCH UPDATE

Specialty	Total Applicants	Selected to Interview	Interviewed	Ranked	Will Start
Cardiovascular Disease	547	32	31	29	3
Dermatology	546	42	41	37	3
Emergency Medicine	1188	387	272	130	13
Family Medicine	1074	150	107	81	5
Internal Medicine-BHN	2336	194	156	148	15
Internal Medicine - BHMC	2559	329	303	248	16
Ophthalmology	412	40	38	36	2
Oral Maxillofacial Surgery	217	32	28	11	3
Orthopaedic Surgery	661	48	46	35	3
Pediatrics	1198	275	219	152	8
Pharmacy Hospitalist	40	23	23	18	4
Pharmacy Informatics				1	1
Psychiatry	945	77	74	50	5
Surgery-General	1059	107	95	91	6
Surgery Critical Care				1	1
Transitional Year - BHN	786	159	137	133	16
Transitional Year - BHMC	1142	134	120	121	4
<b>Totals</b>	<b>14710</b>	<b>2029</b>	<b>1690</b>	<b>1322</b>	<b>109</b>

# INCOMING RESIDENTS/FELLOWS RECRUITED FROM THE FOLLOWING UNIVERSITIES

American University of Antigua College of Medicine	Indiana University School of Medicine
American University of the Caribbean	Lake Erie College of Osteopathic Medicine
AT Still University School of Osteopathic Medicine	Lincoln Memorial University DeBusk College of Osteopathic Medicine
Charles E Schmidt College of Medicine at Florida Atlantic University	Meharry Medical College
Chicago Medical School at Rosalind Franklin University of Medicine and Science	Michigan State University College of Osteopathic Medicine
Escuela Latinoamericana de Medicina	Midwestern University Arizona College of Osteopathic Medicine
Fatima Jinnah Medical College for Women	Morehouse School of Medicine
Florida International University Herbert Wertheim College of Medicine	New York Institute of Technology College of Osteopathic Medicine
Florida State University	Nova Southeastern University Dr. Kiran C Patel College of Allopathic Medicine
Idaho College of Osteopathic Medicine	Nova Southeastern University Dr. Kiran C Patel College of Osteopathic Medicine

# INCOMING RESIDENTS/FELLOWS RECRUITED FROM THE FOLLOWING UNIVERSITIES

Philadelphia College of Osteopathic Medicine	University of Debrecen, Medical and Health Sciences Centre
Rocky Vista University College of Osteopathic Medicine	University of Florida
Ross University School of Medicine	University of Miami Leonard M Miller School of Medicine
Sidney Kimmel Medical College at Thomas Jefferson University	University of Oklahoma College of Medicine at Oklahoma City
St George's University	University of Queensland
Texas A&M Health Science Center College of Medicine	University of the West Indies
Touro College of Osteopathic Medicine	USF Health Morsani College of Medicine
Universidad Central del Caribe School of Medicine	Wayne State University School of Medicine
Universidad de Carabobo, Valencia	Wright State University Boonshoft School of Medicine
University of Alabama School of Medicine	Ziauddin Medical College

# MATCH % RATE

Program	2020-2021	2021-2022	2022-2023	Avg
Cardiology	100%	100%	100%	100%
Dermatology	100%	100%	100%	100%
Emergency Medicine	100%	62%	54%	72%
Family Medicine	100%	100%	100%	100%
General Surgery	N/A	100%	100%	100%
Internal Medicine-BHMC	100%	75%	100%	92%
Internal Medicine – BHN	N/A	100%	100%	100%
OMFS	100%	100%	100%	100%
Orthopedic Surgery	100%	100%	100%	100%
Pediatrics	100%	100%	75%	92%
Pharmacy (both)	100%	100%	100%	100%
Psychiatry	N/A	100%	100%	100%
Transitional Year-BHMC	100%	100%	100%	100%
Transitional Year-BHN	N/A	100%	100%	100%

# BOARD PASSAGE RATE

<b>Program</b>	<b>2020-2022</b>
<b>Cardiology</b>	83%
<b>Dermatology</b>	100%
<b>Family Medicine</b>	100%
<b>Internal Medicine</b>	89%
<b>OMFS</b>	100%
<b>Orthopedic Surgery</b>	100%
<b>Pediatrics</b>	61%

# LOGGING WORK HOUR COMPLIANCE

<b>Program</b>	<b>2019-2020</b>	<b>2020 - 2021</b>	<b>2021 - 2022</b>
<b>Cardiology</b>	92%	99%	99%
<b>Dermatology</b>	98%	100%	100%
<b>Emergency Medicine</b>	N/A	N/A	98%
<b>Family Medicine</b>	98%	100%	99%
<b>General Surgery</b>	N/A	99%	99%
<b>Internal Medicine BHMC</b>	96%	97%	100%
<b>Internal Medicine BHN</b>	N/A	N/A	100%
<b>OMFS</b>	96%	100%	100%
<b>Orthopedic Surgery</b>	99%	100%	100%
<b>Pediatrics</b>	97%	99%	99%
<b>Psychiatry</b>	N/A	N/A	100%
<b>Transitional Year BHMC</b>	100%	99%	99%



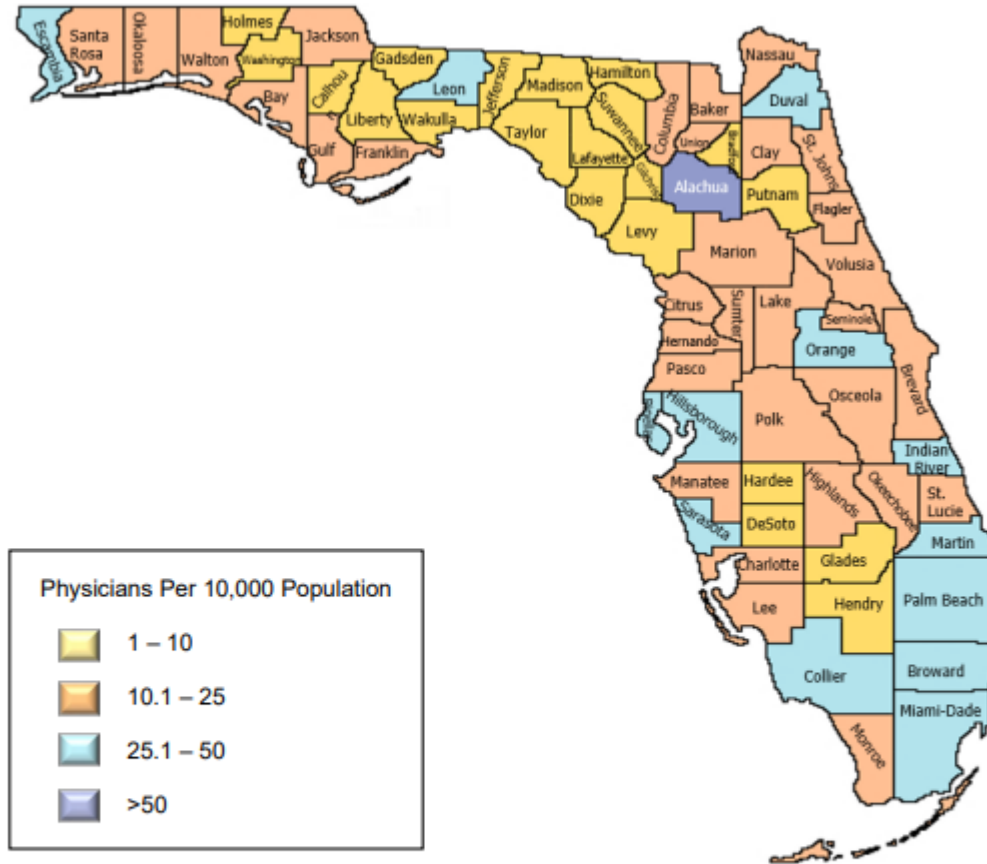
# FELLOWSHIP PROGRAM ACCEPTANCE 2022 - 2023

Program	Institution and Subspecialty
<b>Cardiology</b>	<ul style="list-style-type: none"><li>• Joseph McKeown, DO – Interventional Cardiology at Palmetto General Medical Center</li><li>• Zenith Alam, DO – Interventional Cardiology at the University of Miami</li></ul>
<b>Dermatology</b>	<ul style="list-style-type: none"><li>• Raheel Zubair MD – Cosmetic Laser Dermatology at ASDS in San Diego California</li></ul>
<b>Internal Medicine</b>	<ul style="list-style-type: none"><li>• Sobrina Nembhard, MD – Critical Care at Orlando Regional Medical Center</li><li>• Derek Casey, DO – Nephrology at the University of Miami</li><li>• Divya Pandya, DO – Infectious Disease at the University of Miami</li><li>• Tasha Heller, MD – Cardiology at Broward Health</li><li>• George Abreut, DO – Cardiology at Memorial Healthcare System</li><li>• Yash Raval, DO – Cardiology at Broward Health</li><li>• Chan Ho Shin, MD – Endocrinology at University of California</li><li>• Beshoy Abdalla, DO – Nephrology at the University of South Florida</li></ul>

# FELLOWSHIP PROGRAM ACCEPTANCE 2022 - 2023

Program	Institution and Subspecialty
<b>Orthopedic Surgery</b>	<ul style="list-style-type: none"><li>• Neha Kapila, MD – Hand Surgery at the University of Miami</li><li>• Amir Qureshi, MD – Foot and Ankle Surgery at Harbor UCLA</li><li>• Joseph Palmer, DO – Adult Reconstruction Surgery at Cleveland Clinic Florida</li></ul>
<b>Pediatrics</b>	<ul style="list-style-type: none"><li>• Rajinder Persaud, DO – Pediatric Sports Medicine at Campbell University, North Carolina</li><li>• Maria Frost, MD – Pediatric Hematology and Oncology at University of Texas, MD Anderson Cancer Center</li><li>• Sachin Vasikaran, MD – Pediatric Emergency Medicine at the University of Nevada Las Vegas</li><li>• Gretchen Sandoval Colon, MD – Pediatric Pulmonology at the University of Houston</li><li>• Jenny Gutwein, MD – Neonatology (NICU) at the University of South Florida, Tampa</li><li>• Alisha Allen, MD – Child Neurology at the University of Florida</li></ul>
<b>Pharmacy</b>	<ul style="list-style-type: none"><li>• Dalia Yudewitz, Pharmacy Informatics at Broward Health</li></ul>

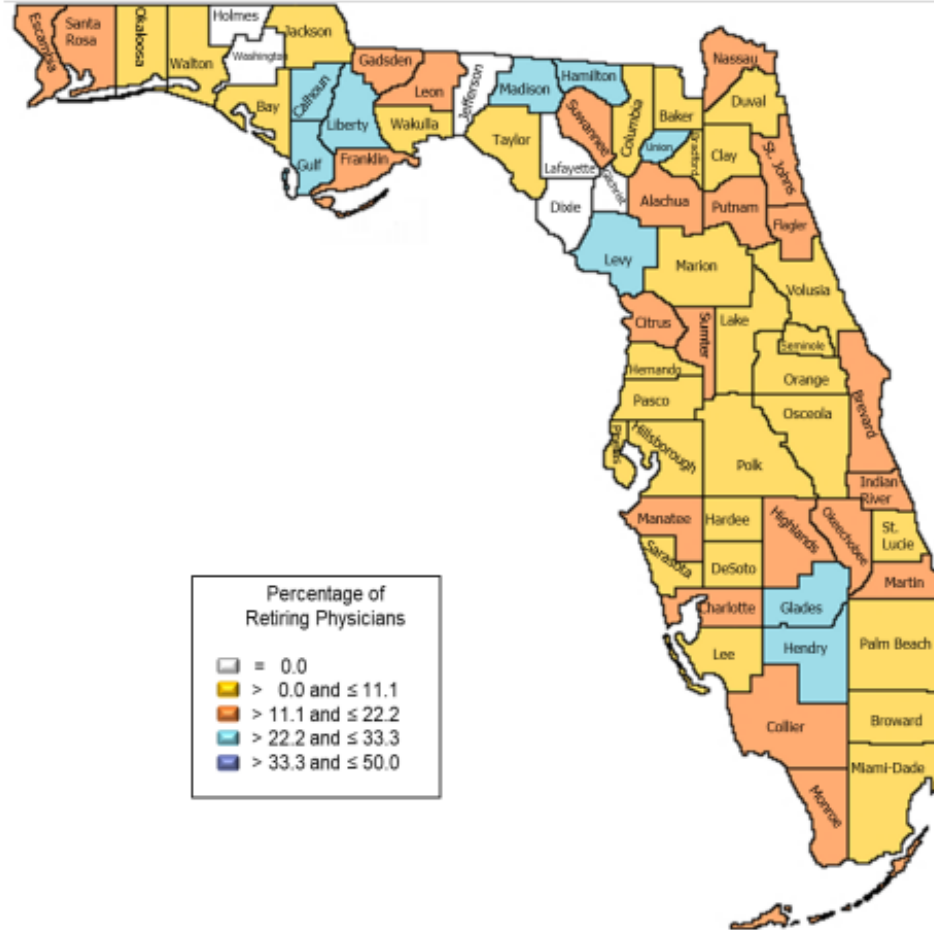
# FLORIDA PHYSICIAN WORKFORCE PER CAPITA 2021-22



<sup>40</sup> There were 6,186 physicians whose survey response county did not match the county of their official practice location. Survey response counties were used on the map.

Source: 2022 Physician Workforce Annual Report – November 2022 -<https://www.floridahealth.gov/%5c/provider-and-partner-resources/community-health-workers/HealthResourcesandAccess/physician-workforce-development-and-recruitment/2022DOHPhysicianWorkforceAnnualReport-FINAL.pdf>  
<https://www.aamc.org/news-insights/press-releases/new-aamc-report-confirms-growing-physician-shortage>

# PERCENTAGE OF FLORIDA PHYSICIANS RETIRING IN 5 YEARS



Source: 2021 Physician Workforce Annual Report – November 2022-<https://www.floridahealth.gov/%5c/provider-and-partner-resources/community-health-workers/HealthResourcesandAccess/physician-workforce-development-and-recruitment/2022DOHPhysicianWorkforceAnnualReport-FINAL.pdf>  
<https://www.aamc.org/news-insights/press-releases/new-aamc-report-confirms-growing-physician-shortage>

# BHPG RECRUITMENT OF BH GME TRAINEES

Program	2018 - 2019	2019-2020	2020-2021	2021-2022	4yr Recruitment %
<b>Cardiology</b>	25%	33%	0%	0%	14%
<b>Dermatology</b>	0%	0%	0%	0%	0%
<b>Family Medicine</b>	40%	40%	20%	40%	35%
<b>Internal Medicine</b>	0%	0%	7%	0%	2%
<b>OMFS</b>	0%	0%	0%	0%	0%
<b>Orthopedic Surgery</b>	0%	0%	0%	0%	0%
<b>Pediatrics</b>	11%	25%	0%	0%	9%
<b>Pharmacy</b>	40%	40%	80%	40%	50%

# GRADUATES ON MEDICAL STAFF

PROGRAM	NUMBER OF PHYSICIANS
Cardiology	3
Dermatology	6
Family Medicine	17
Internal Medicine	13
Orthopedic Surgery	2
Oral Maxillofacial Surgery	1
Palliative Care	4
Pediatrics	3

# GRADUATE MEDICAL EDUCATION IMPACT

- Broward Health is committed to Graduate Medical Education Expansion and the training of future Physicians to provide excellent, evidence-based care to citizens of Broward County and surrounding communities
- GME programs around the country are increasing their work in six focus areas: patient safety, health care quality and equity, care transitions, supervision, fatigue management, and professionalism
- Teaching Hospitals drive the innovation that improves patient quality, safety and overall health
- Teaching Hospitals provide critical services often not available elsewhere
- In addition to innovation in medical education, academic medicine is also at the forefront of leading innovation in medical discovery, quality improvement, and equitable health care delivery
- Broward Health is cognizant of the significant impact that the impending Physician workforce shortages will have on the health of our community

<https://www.aamc.org/system/files/c/2/472906-howmedicaleducationischanging.pdf>

# FLORIDA WORKFORCE ANNUAL REPORT 2022

- Almost one-third (31.3%) of Florida's 67 counties have a per capita rate of less than 10 physicians per 10,000 population
- Over 60% (33,814) of physicians are age 50 and older
- Average age of practicing physicians is 53 years old
- A total of 9.7% (5,633) of active physicians' plan to retire in the next five years
- 68.1% of Florida's actively practicing physicians are male and 31.9% are female.
- The five specialties with the highest number of physicians indicating their intention to retire in the next five years are:
  - Internal medicine (1,387 or 25.1%)
  - Family medicine (797 or 14.4%)
  - Anesthesiology (460 or 8.3%)
  - Surgery (430 or 7.8%)
  - Pediatrics (417 or 7.6%)
- Approximately 4.7% (2,512) of physicians' plan to relocate out of Florida in the next five years
- Research supported by the Safety Net Hospital Alliance of Florida and the Florida Hospital Association predicts projected physician shortfall in Florida would amount to 17,924 physicians by 2035