

SUMMARY OF REQUEST

DATE: May 26, 2021

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 Accreditation Council for Graduate Medical Education (ACGME) Institutional Requirements

CAPITAL REQUIRED: None

FISCAL IMPACT: Not Applicable

BUDGET STATUS: Not Applicable

LEGAL REVIEW: Not Applicable

APPROVED: _____ **DATE:** _____
Shane Strum, President/CEO BH

M E M O R A N D U M

TO: Board of Commissioners

FROM: Shane Strum, President/CEO BH

DATE: May 26, 2021

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 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, and clinical resources, including personnel as per the ACGME Institutional Requirements.

ACTION/PROJECT DESCRIPTION

Presentation of 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

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. Nationally retention in the state of training after completion of a GME program from 2010 -2019 is 55.5%. In the state of Florida, the average retention rate is 62.6%. The current demand for Physicians is growing faster than the supply of Physicians. It is projected that by the year 2033 there will be a total shortfall of between 54,000 – 139,000 Physicians higher than the previously projected shortfall range. It is also projected that there will be a shortfall of between 21,400 and 55,200 Primary care Physicians and a shortfall of between 33,700 and 86,700 non -Primary care Physicians, including 17,100 to 28,700 Surgical Specialists. The population growth and aging continue to be the primary driver of the increasing demand of Physicians needed in the next fifteen years. During this period the United States population is estimated to grow by 10.4%. The population aged 65 and over is projected to grow by 45.1%. More than 2 out of every five currently active Physicians will be 65 or over in the next decade. The COVID -19 Pandemic 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, evidenced based care to the citizens of Broward County and surrounding communities.

The attached presentation highlights the areas of development and performance of the GME programs during the academic year 2019 to 2020.

The Sponsoring Institution of the ACGME accredited programs continues to be Broward Health, as a GME Consortium since April 2019. All originally sponsored American Osteopathic Association (AOA) Programs transitioned to Accreditation Council for Graduate Medical Education Programs (ACGME) as part of the Single Accreditation System required process. All individual Specialty Programs were in good standing in 2019 -2020 with Continued Accreditation (10-year cycles) for all programs except Family Medicine and General Surgery which are in Initial Accreditation (two-year cycles). Orthopedic Surgery had a status of Initial Accreditation with warning in AY 2018 -2019 as a General Surgery Program needed to be in existence. A new General Surgery Program was developed and granted Initial Accreditation in AY 2019 – 2020. The status of the Orthopedic Surgery Program has subsequently been changed to Continued Accreditation without Outcomes (10-year cycle). Two new programs at the Primary training site of Broward Health North have recently been granted Initial Accreditation – Internal Medicine and Emergency Medicine.

The results of the mandatory ACGME Resident and Faculty surveys are summarized and included. Over the 2019 -2020 academic year identified areas of improvement include the availability of Faculty for structured teaching, didactics, and timeliness of evaluations. Action Plans were developed to protect Core

Faculty administrative time thereby creating greater opportunities for Faculty involvement in structured teaching and didactic involvement. Core Faculty Contracts and Clinical Faculty Contracts were developed to ensure protected time for administrative and teaching duties. Faculty Development lectures were expanded and transitioned to a virtual platform thereby increasing the attendance and participation of the Faculty. 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 and the Action Plans have been included. Only two programs have remaining citations and the total number of citations has decreased. 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 and has improved over the past three years. In academic year 2019 -2020 all eight ACGME programs had 100 percent match rate. The three-year board passage rate has also been excellent 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.

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 greatly improved over the past three years with many of our graduates joining the medical staffs at our hospitals in a variety of disciplines.

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 and Broward Health Imperial Point over the next 5 years. A current status of the expansion and the estimated growth plan has been included.

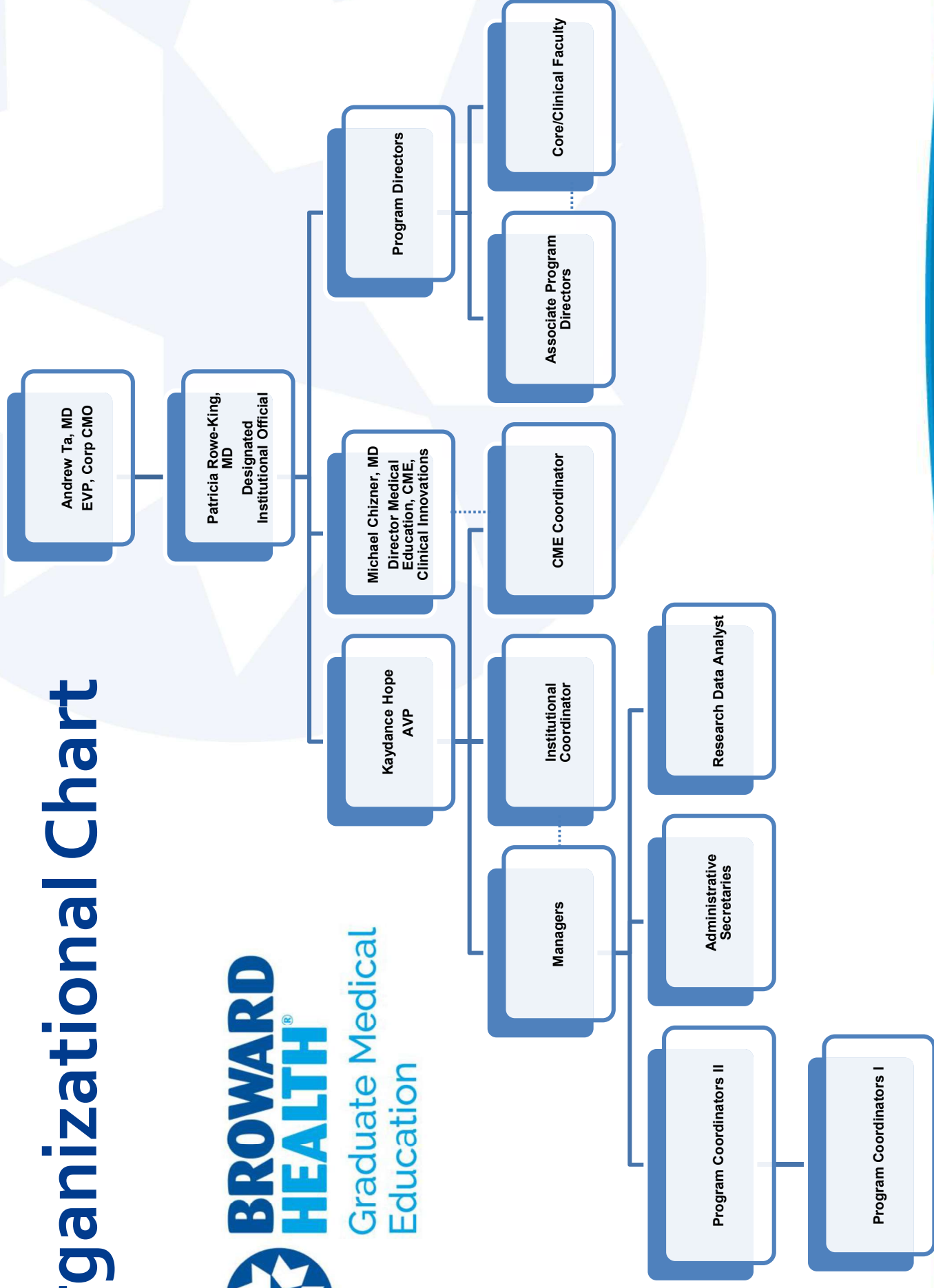
At present all of the established GME programs are flourishing with stable accreditation statuses and 100 percent match rate during the last two recruitment seasons. Our Residents have published multiple papers, presented at National and International Academic Meetings and received many Grants and Awards. The COVID -19 Pandemic while affecting inpatient and outpatient volumes did not adversely affect the competence or required procedural volume for our Graduating Residents as most of the Residents had already surpassed their required procedural volumes prior to the onslaught of the Pandemic. The Graduate Medical Education Department focused heavily on effective and frequent communication with Administration, Faculty and Residents during the Pandemic. Resident and Faculty wellness have been of paramount importance. We are excited about the upcoming expansion opportunities 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.

GME EXECUTIVE SUMMARY

Andrew Ta, MD -EVP, Corporate CMO
Patricia Rowe-King, MD - Designated Institutional Official
Kaydance Hope, AVP
Zuzanna Krawiec, MBA



Organizational Chart



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EXECUTIVE SUMMARY

Quality

- Incorporated GME Culture of Safety and Quality in curriculum
- 100% of residents participate in Quality and Safety Rotations where they will receive education on hospital quality metrics
- Simulation expansion with new simulators for cardiology, general surgery, pediatrics, and airway trainer for all programs
- Improved resident and student compliance with hand hygiene averaging 96% for 2020
- Decreased time between admission decision and admission orders on resident teaching teams
- Reduced overall citations in accredited programs (Orthopedics/Family Medicine)
- Increased Resident participation in hospital committees
- Increased Resident participation in RCA
- Increased Resident compliance with timeliness of completion of discharge summary



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EXECUTIVE SUMMARY

Service

- Increased community participation of Resident involvement in outreach and vaccination drives

People

- Recruitment of new staff
- Creation of new manager positions and leadership development training
- Recruitment of new Program Directors, Associate Program Directors, Core and Clinical Faculty
- Recruitment of Trainees into current and new Residency Programs
 - 100% Match into all Residency Program in AY2020-2021
- Implementation of Core and Clinical Faculty Teaching Contracts
- Increased scholarly activity for trainees and faculty and increased participation and presentations at national conferences
- Increased staff, program director and associate program director attendance at specialty specific national meetings and/or ACGME annual meetings
- GME Coordinator received National Board Certification for Training Administrators in Graduate Medical Education (TAGME)
- Increased recruitment of Residents/Fellows into Broward Health practices and Medical Staffs



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EXECUTIVE SUMMARY

Growth

- GME Expansion utilizing Residency training at all four hospitals
- Achieved ACGME Program Accreditation for Emergency Medicine and Internal Medicine Residency Programs. Pending Accreditation outcome for Psychiatry
- Expanded Medical Student Affiliations with Nova Allopathic Medical School
- Expanded clinical rotation availability to medical students at all four hospitals
- Enhanced Allied Health clinical rotations and onboarding with affiliated partners
- Implemented BH GME Recruitment Videos and Logos for individual Programs
- Established GME protected space and offices at all four hospitals
- Expanded Resident Rotators to include Mount Sinai OB/GYN Residents



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EXECUTIVE SUMMARY

Finance

- Expanded funding for reimbursement from the Veteran's Administration for Dermatology residency rotations
- Transitioned GME finances from BHMC to Corporate
- Enhanced Grant Opportunities for Resident Research



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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 Initiative
- Research



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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**
 - Joint Accreditation with Nova Southeastern University
 - Broward Health Medical Center
- **American Society of Health-System Pharmacists**
 - Broward Health Medical Center



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CURRENT STATE OF GME

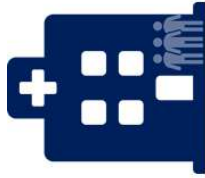
Program	Accreditation Status	Accrediting Body	Total # of Residents at full compliment
Cardiology	Continued	ACGME	9
Dermatology	Continued	ACGME	9
Emergency Medicine	Initial	ACGME	39
Family Medicine	Initial	ACGME	15
Internal Medicine - BHMC	Continued	ACGME	48
Internal Medicine – BHN	Initial	ACGME	45
Oral Maxillofacial Surgery	Continued	CODA	12
Orthopedic Surgery	Continued	ACGME	15
Pediatrics	Continued	ACGME	24
Psychiatry	Pending – New Program	ACGME	20
Transitional Year	Continued	ACGME	4
Surgery	Initial	ACGME	30
Pharmacy Hospitalist	Continued	ASHP	4
Pharmacy Informatics	Continued	ASHP	1
Total Number of Current Residents			151



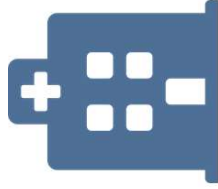
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CURRENT GME FOOTPRINT BH SPONSORED TRAINING PROGRAMS

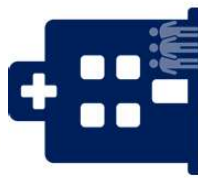
BH TEACHING HOSPITALS



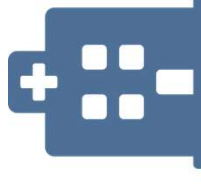
Broward Health
Medical Center
(BHMC)



Broward Health North
(BHN)



Broward Health Coral
Springs (BHCS)



Broward Health
Imperial Point (BHIP)

Cardiology - BHMC
Continued Accreditation

Dermatology - BHMC
Continued Accreditation

Emergency Medicine - BHN
Initial Accreditation

Family Medicine - BHMC
Initial Accreditation

General Surgery - BHMC
Initial Accreditation

Internal Medicine - BHMC
Continued Accreditation

Internal Medicine - BHN
Initial Accreditation

Oral Maxillofacial Surgery - BHMC
CODA Continued Accreditation

Orthopedics - BHMC
Continued Accreditation

Pediatrics - BHMC
Continued Accreditation

Pharmacy Hospitalist - BHMC
ASHP Initial Accreditation

Pharmacy Informatics - BHMC
ASHP Initial Accreditation

Transitional Year - BHMC
Continued Accreditation



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CURRENT RESIDENT ROTATORS

Resident Rotators to Broward Health
Cleveland Clinic Plastic Surgery
Mount Sinai General Surgery
Mount Sinai OB/GYN
Northwestern Medical Center Podiatry
Nova Advanced Education in General Dentistry
Nova Pediatric Dental Residency



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GROWTH PLAN – BROWARD HEALTH NORTH

Program	Expected Start Year	# of Resident per Year	# of Training Years	Total # of Residents
Emergency Medicine	(FY22) 2021-2022	13	3	39
Internal Medicine	(FY22) 2021-2022	15	3	45
Otolaryngology	(FY23) 2022-2023	2	5	10
Ophthalmology	(FY23) 2022-2023	2	4	8
Pulmonology	(FY23) 2022-2023	2	2	4
Transitional Year	(FY23) 2022-2023	16	1	16
Gastroenterology	(FY24) 2023-2024	2	3	6
Hematology /Oncology	(FY24) 2023-2024	2	3	6
Nephrology	(FY24) 2023-2024	2	2	4
Neurology	(FY24) 2023-2024	3	3	9
Palliative Care (Internal Medicine)	(FY24) 2023-2024	2	1	2
Physical Medicine & Rehabilitation	(FY24) 2023-2024	4	4	16
Surgical Critical Care (Trauma Surgery)	(FY24) 2023-2024	2	1	2
Critical Care (Internal Medicine)	(FY25) 2024-2025	1	2	2
Geriatrics	(FY25) 2024-2025	3	1	3



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GROWTH PLAN – BHMC

Program	Expected Start Year	# of Resident per Year	# of Training Years	Total # of Residents
Interventional Cardiology	(FY25) 2024-2025	2	1	2
OB/GYN & Peds Sub	2024-2027			

GROWTH PLAN – BHIP

Program	Expected Start Year	# of Resident per Year	# of Training Years	Total # of Residents
Psychiatry	(FY22) 2021-2022	5	4	20

Estimated Total Number of Residents at End of Five-Year CAP Building - FY26	385
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COMPETITIVE LANDSCAPE

Current Competition by Sponsoring Institution		
Sponsoring Institution	# of Programs	Sponsor Accreditation Status
U of Miami/Jackson	94	Continued
Cleveland Clinic Florida	11	Continued
Larkin Community Hospital	18	Continued
Larkin Community Hospital / Palm Springs	19	Continued
Mount Sinai	12	Continued
Memorial Health System	11	Continued
FAU	9	Continued
U of Miami/JFK Palm Beach	4	Continued
Nicklaus Children's Hospital	15	Continued
NCH Healthcare System	3	Continued
U of Miami Hospital and Clinics (Holy Cross)	3	Continued
West Kendall Baptist Hospital	2	Continued



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COMPETITIVE LANDSCAPE

Future Competition by Sponsoring Institution		
Sponsoring Institution	# of Programs	Sponsor Accreditation Status
HCA Health Care East FL Div.	25	Initial
Palmetto	7	Initial
Nova Southeastern	1	Initial
FIU	0	Initial
Baptist SFL	0	Initial



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GME ACGME ACADEMIC PARTNERS

School	Learner Type
Nova Southeastern University	Osteopathic & Allopathic
Florida International University	Allopathic
University of Miami	Allopathic



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UNDERGRADUATE MEDICAL EDUCATION/ALLIED HEALTH AFFILIATIONS

Medical Student (allopathic/osteopathic)	Dental Students	Physician Assistants	CRNAs	APRNs
Current Affiliations				
Alabama College of Osteopathic Medicine	Nova Southeastern	Nova Southeastern	Florida International University	Nova Southeastern
Arkansas University College of Medicine		Florida International University	Barry University	Florida Atlantic University
Burrell College of Osteopathic Medicine		Barry University		South Alabama University
Edward Via College of Osteopathic Medicine		Elon University		
Florida International University				
Michigan State University				
Nova Southeastern University – Osteopathic/Allopathic				
Lake Erie College of Osteopathic Medicine (LECOM)				
Philadelphia College of Osteopathic Medicine				
University of Miami				
William Carey University College of Osteopathic Medicine				
University of Texas College of Osteopathic Medicine				
Centers for Haitian Studies Ross University/American University of the Caribbean				

RESIDENT AND FACULTY SURVEY 2019 - 2020

Resident Survey

Area	Institution Mean	Previous Year
Clinical Experience and Education	4.8	4.9
Faculty Teaching and Supervision	4.4	4.5
Evaluation	4.8	4.7
Educational content	4.7	4.6
Resources	4.5	4.6
Patient Safety / Teamwork	4.6	4.6
Professionalism	4.6	N/A
Diversity and Inclusion	4.7	N/A

Faculty Survey

Area	Institution Mean	Previous Year
Faculty Supervision and Teaching	4.6	4.6
Educational content	4.8	4.7
Resources	4.4	4.5
Patient Safety and Teamwork	4.5	4.7
Professionalism	4.8	N/A
Diversity and Inclusion	4.6	N/A



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RESIDENTS SURVEY COMPLETION RATE

Program	2017 - 2018	2018 - 2019	2019 - 2020
Cardiology	100%	100%	100%
Dermatology	100%	100%	100%
Family Medicine	100%	93%	100%
Internal Medicine	92%	100%	77%
Orthopedic Surgery	100%	100%	100%
Pediatrics	95%	84%	100%
Transitional Year	100%	100%	100%



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FACULTY SURVEY COMPLETION RATE

Program	2017 - 2018	2018 - 2019	2018 - 2019
Cardiology	86%	100%	N/A
Dermatology	100%	89%	100%
Family Medicine	83%	100%	N/A
Internal Medicine	82%	100%	71%
Orthopedic Surgery	79%	82%	92%
Pediatrics	72%	76%	88%
Transitional Year	88%	90%	75%



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CITATIONS BY PROGRAM

Program	2017 - 2018	2018 - 2019	2019-2020
Cardiology	NONE	NONE	NONE
Dermatology	NONE	NONE	NONE
Family Medicine	New: 10 total, including 0 duty hour citations. Extended: 5 total, including 0 duty hour citations. Resolved: 2 total, including 0 duty hour citations.	Extended: 2 total, including 0 duty hour citations. Resolved: 6 total, including 0 duty hour citations.	Extended: 2 total, including 0 duty hour citations. Resolved: 6 total, including 0 duty hour citations.
Internal Medicine	NONE	New: 2 total, including 0 duty hour citations. Resolved: 1 total, including 0 duty hour citations.	Resolved: 2 total, including 0 duty hour citations. No current citations
Orthopedic Surgery		New: 2 total, including 0 duty hour citations. Extended: 2 total, including 0 duty hour citations. Resolved: 1 total, including 0 duty hour citations.	Extended: 3 total, including 0 duty hour citations. Resolved: 1 total, including 0 duty hour citations.
Pediatrics	New: 1 total, including 0 duty hour citations. Resolved: 1 total, including 0 duty hour citations.	Resolved: 1 total, including 0 duty hour citations.	NONE
Transitional Year		Resolved: 8 total, including 1 duty hour citations.	NONE



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INSTITUTIONAL CITATIONS 2019 - 2020

CITATIONS – ALL RESOLVED



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INSTITUTIONAL ACTION PLANS 2019 - 2020

- Annual Faculty Retreat given in May. Faculty development sessions given virtually at all of the Program Director's Meeting each month. Power Points from the Faculty Development at the Program Directors meetings are available to all faculty members after each meeting. Program Directors and Associate Program Directors are encouraged to attend one national meeting on education yearly.
- Protected time will be negotiated for all faculty members to allow for increased scholarly activity and Resident teaching. Core Faculty and Clinical Faculty contracts were established to assure Faculty protected time.
- Simulation equipment enhanced and expanded. Procedural courses offered monthly to all disciplines.
- Expand GMEC membership to include Program Directors of new programs and representatives from other participating sites.
- Expanded Medical Student affiliations. VSLO instituted.
- Supervision Policy of Residents developed for COVID-19 pandemic.
- Expanded Wellness offerings for Residents and Faculty.
- Creation of new GME Programs – Broward Health North.
- Monitor clinical learning environment during the COVID-19 pandemic to ensure adequate patient and procedural volumes and safe learning environment for Resident and Fellows.



ORTHOPEDIC SURGERY PROGRAM CITATIONS 2019 - 2020

1. [Program Requirement I.A.3.]

To provide an adequate interdisciplinary educational experience, the institution that sponsors the orthopaedic program should also participate in ACGME-accredited programs in general surgery, internal medicine, and pediatrics. (Core)

2. [Program Requirements II.B.5.b).(1-4)]

Some members of the faculty should also demonstrate scholarship through peer-reviewed funding; publication of original research or review articles in peer-reviewed journals, or chapters in textbooks; publication or presentation of case reports or clinical series at local, regional, or national professional and scientific society meetings; or, participation in national committees or educational organizations. (Detail)

3. [Program Requirement IV.A.2]

The curriculum must contain the following educational components: Competency-based goals and objectives for each assignment at each educational level, which the program must distribute to residents and faculty at least annually, in either written or electronic form. (Core)



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ORTHOPEDIC SURGERY PROGRAM ACTION PLANS 2019-2020

1. The general surgery residency program began July 1, 2020. The program has 6 residents at the PGY-1 level and 4 residents at the PGY-2 level. We also continue to have PGY-2 and PGY-4 general surgery residents from Mount Sinai Medical Center in Miami working in our hospital. The orthopaedic surgery residents have consistently interacted and collaborated with the Mount Sinai general surgery residents and have begun to work collaboratively with our General Surgery residents.
2. Broward Health is dedicated to growing research and providing investigators with the clinical research support needed to improve scholarly activity. Through the Research Institute, research support includes improved infrastructure as well as direct research services. The Research Institute worked collaboratively with Broward Health personnel for these improvements and created standard operating procedures and policies across the hospital system enabling new investigators to understand the steps needed to begin a research project at Broward Health. The Director of the Research Institute works closely with program directors, residents, and fellows to facilitate their research projects and provide guidance on manuscript development and submissions. Broward Health also has a clinical trials management system (Velos), an electronic IRB system (IRB Manager), and other research support software to accurately track open protocols, accruals, and access the electronic medical records for research purposes. To assist investigators with data analyses, we installed the statistical software, MedCalc, for users across the hospital system. In addition, Broward Health contracted with three Biostatisticians for our investigators to consult with them for biostatistical assistance. Infrastructure improvement also includes grant activities to ensure pre- and post- award grants administration.
3. Competency-based goals and objectives had been written and have been updated for each assignment at each educational level. All of the goals and objectives are available at orientation, electronically and are included in New Innovations and are provided to each of the residents, training sites, and all of the faculty at each of the training sites at the beginning of each rotation. Paper versions of the Competency-based goals and objectives can also be made available if needed. All of the Goals and Objectives will be provided in a progress report to the Review Committee.



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FAMILY MEDICINE PROGRAM CITATIONS 2019 - 2020

1. Faculty II.B.7

All programs must have family medicine physician faculty members providing and teaching care for each of the following: maternity care, including deliveries; inpatient adults; and inpatient children. (Core)

2. Resources II.D.2.h)

Each FMP site should provide, on average, two examination rooms for each faculty member and resident when they are providing patient care. (Detail)



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FAMILY MEDICINE PROGRAM ACTION PLANS 2019 - 2020

1. Given the reality of medical practice in South Florida, it is necessary for family medicine physicians to work with obstetricians in order for the family medicine residents to have maternity care experiences under a family medicine physician. Last year, we started a process under which a family medicine physician was overseeing residents in conjunction with the obstetric physicians at Nova Southeastern University (NSU). When a continuity patient from the FMP was referred to the obstetrician, the resident would follow the patient in conjunction with the family medicine attending and obstetric attending. The goal was for the resident to follow the patient from prenatal care to post partum with the mother and baby returning to the FMP. Unfortunately, due to the pandemic, these activities are on hold. When the clinics resume more open operations, we will again be coordinating with the obstetrics and gynecology department so that residents can follow their continuity patients throughout their maternity care including deliveries under the role model of a family medicine physician.

2. The program has limited the total number of positions to 15. We have 5 residents per year. This allows us to address the concern over the number of patient rooms at the continuity clinic site. When residents are present in the clinic, all clinic resources are dedicated to the residents. The residents are scheduled so that each resident will have at least two assigned patient rooms. Patient rooms are completely dedicated to patient care by residents. When residents are present in the clinic, all patients are scheduled with residents. Patients are scheduled with faculty only for times when residents are not following their continuity patients. This occurs on Tuesday evening, Thursday evening, on Saturday morning, and on Wednesday afternoon when residents are in didactics.



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MATCH % RATE

Program	2017 - 2018	2018 - 2019	2019-2020	2020-2021
Cardiology	100%	100%	100%	100%
Dermatology	100%	100%	100%	100%
Family Medicine	100%	80%	100%	100%
Internal Medicine	88%	100%	100%	100%
OMFS	100%	100%	100%	100%
Orthopedic Surgery	100%	100%	100%	100%
Pediatrics	100%	100%	100%	100%
Surgery	N/A	N/A	N/A	100%
Transitional Year	40%	100%	100%	100%



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BOARD PASSAGE RATE

Program	2017 - 2019
Cardiology	92%
Dermatology	100%
Family Medicine	100%
Internal Medicine	80%
OMFS	90%
Orthopedic Surgery	100%
Pediatrics	83%



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LOGGING WORK HOUR COMPLIANCE

Program	2017 - 2018	2018 - 2019	2019 - 2020
Cardiology	96%	93%	92%
Dermatology	98%	98%	98%
Family Medicine	94%	94%	98%
Internal Medicine	97%	96%	96%
OMFS	98%	99%	96%
Orthopedic Surgery	98%	99%	99%
Pediatrics	96%	97%	97%
Transitional Year	96%	95%	100%



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FELLOWSHIP PROGRAM ACCEPTANCE

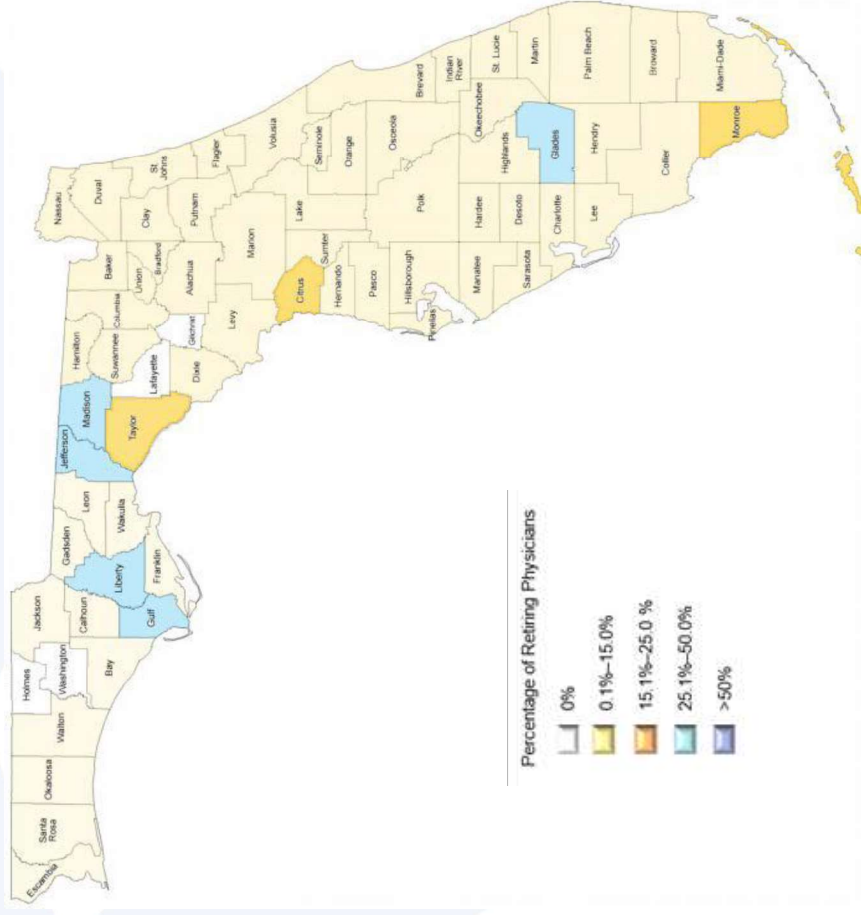
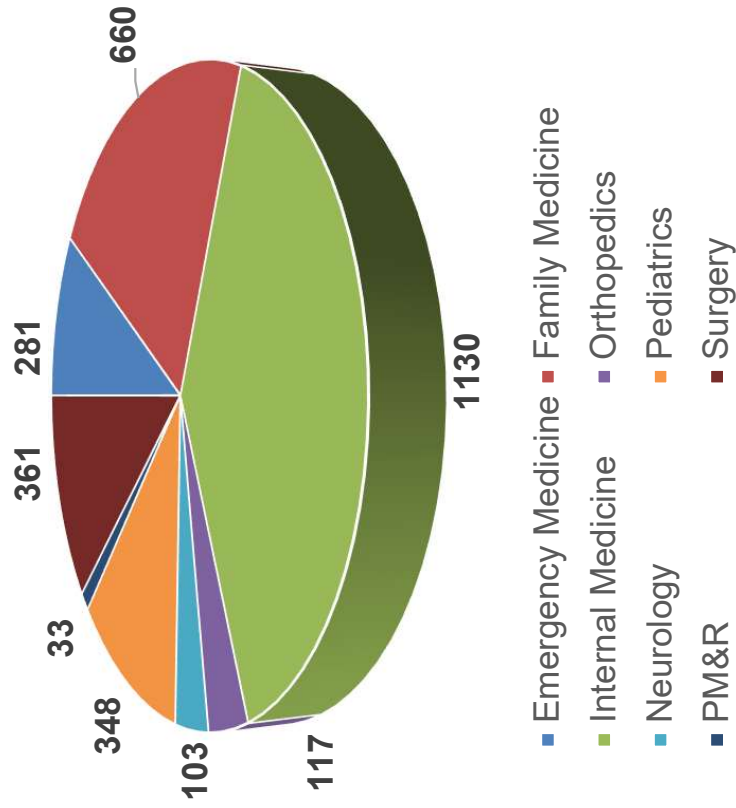
2019 - 2020

Program	Institution and Subspecialty
Cardiology	Interventional Cardiology – Palmetto General, FL Interventional Cardiology – OSU Medical Center, OK
Internal Medicine	Critical Care - Palmetto General, FL Nephrology - UT Southwestern University, TX Cardiovascular Disease – Broward Health, FL ID/Critical Care - Allegheny General Hospital, PA Pulmonary/Critical Care - Parkview Medical Center, CO
Orthopedic Surgery	Orthopedic Sports Medicine - Allegheny General Hospital, PA Adult Reconstructive Surgery – Arthritis and Sports, VA Orthopedic Sports Medicine – University of Illinois, IL
Pediatrics	Pediatric Hematology/Oncology – University of Miami, FL Pediatric Pulmonology – Cornell University, NY Pediatric Cardiology - University of Mississippi , MS



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of FLORIDA PHYSICIANS RETIRING IN 5 YEARS



Source: 2020 Physician Workforce Annual Report – November 2020
<https://www.aamc.org/news-insights/press-releases/new-aamc-report-confirms-physician-shortage>

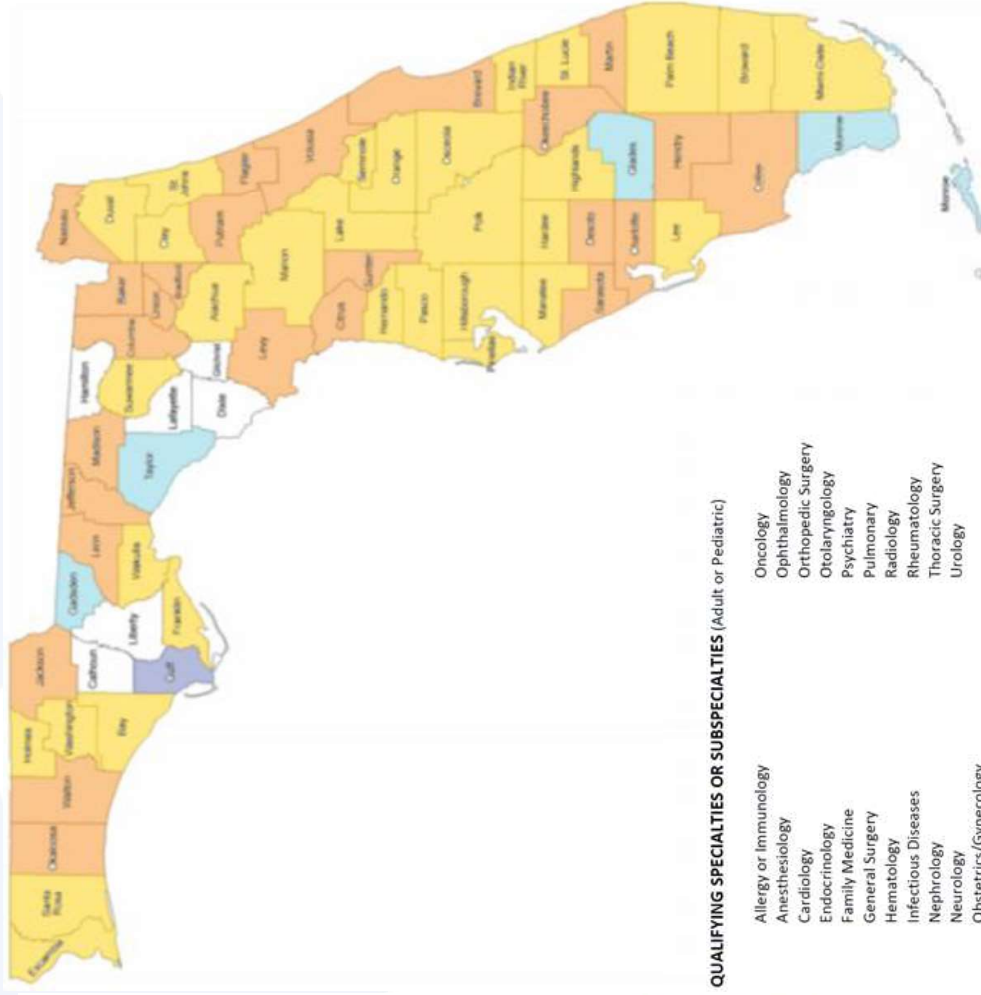
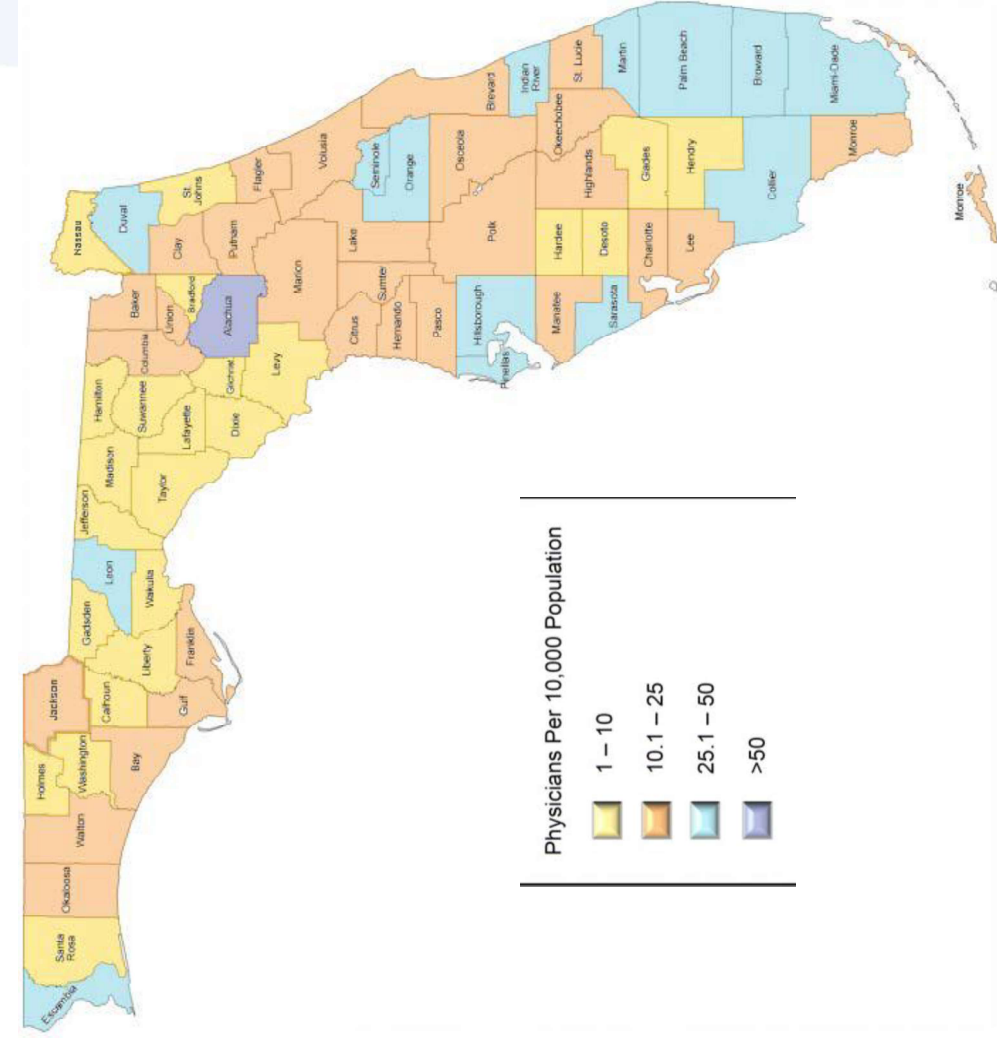


BROWARD HEALTH®

FLORIDA PHYSICIAN NUMBERS

Now

5 Years from Now



QUALIFYING SPECIALTIES OR SUBSPECIALTIES (Adult or Pediatric)

- | | |
|-----------------------|--------------------|
| Allergy or Immunology | Oncology |
| Anesthesiology | Ophthalmology |
| Cardiology | Orthopedic Surgery |
| Endocrinology | Otolaryngology |
| Family Medicine | Psychiatry |
| General Surgery | Pulmonary |
| Hematology | Radiology |
| Infectious Diseases | Rheumatology |
| Nephrology | Thoracic Surgery |
| Neurology | Urology |
| Obstetrics/Gynecology | |



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BHPG RECRUITMENT OF BH GME TRAINEES

Program	2017 - 2018	2018 - 2019	2019-2020
Cardiology	0%	25%	0%
Dermatology	0%	0%	0%
Family Medicine	0%	40%	0%
Internal Medicine	0%	0%	0%
OMFS	0%	0%	0%
Orthopedic Surgery	0%	0%	0%
Pediatrics	0%	11%	13%
Pharmacy	60%	40%	40%



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GRADUATES ON MEDICAL STAFF

PROGRAM	NUMBER OF PHYSICIANS
Cardiology	3
Dermatology	3
Family Medicine	14
Internal Medicine	12
Orthopedic Surgery	2
Palliative Care	3
Pediatrics	2
Transitional Year	3



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IMPACT OF COVID -19

- Decreased surgical exposure
- Decreased outpatient visits
- Decreased patient volumes
- Decreased Emergency Room patient volumes
- Decreased variety of clinical pathology exposure
- Decreased opportunities for Resident audition rotations for fellowships
- Decreased exposure of medical student to clinical areas resulting in decreased competency of incoming Residents into residency programs
- Decreased patient case logs numbers for graduating Residents
- Virtual Recruitment/Interviews provided easier access to the program interviews decreasing the ability to identify interested applicants
- Decreased opportunities to attend local, state and national conferences



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LEGISLATIVE UPDATES

- **The Consolidated Appropriations Act, 2021**
 - **Summary Continued**
 - In each year, not less than 10 percent of the slots are to go to each of the following categories of hospitals:
 - Hospitals located in a rural area or treated as being in a rural;
 - Hospitals training over their cap; slots must be used for new positions;
 - Hospitals in states with new medical schools (received pre-accreditation from AOA or LCME on or after 1/1/2000, and that have achieved or progress toward full accreditation status or new branch campuses; and additional locations and branch campuses established on or after January 1, 2000;
 - Hospitals that serve areas designated as Health Professional Shortage Areas.
 - The number of positions to be distributed is to be announced by January 31 and awarded positions will be effective beginning July 1.
 - New slots will be paid at the hospital's per resident amount for primary care and nonprimary care, depending on specialty.

To implement these provisions, CMS must undertake notice and comment rulemaking. We anticipate seeing a proposal in either the FY22 Inpatient Prospective Payment System proposed rule, generally published in April, or in the CY22 Outpatient Prospective Payment System proposed rule, generally published in early July.

<https://rules.house.gov/sites/democrats.rules.house.gov/files/BILLS-116HR133SA-RCP-116-68.pdf>

LEGISLATIVE UPDATES

- **The Consolidated Appropriations Act, 2021**
 - **Summary**
 - Provides 1,000 new Medicare-supported GME positions – the first increase in Medicare-supported GME in nearly 25 years;
 - Revises the Rural Training Track programs to encourage rural and urban hospitals to work together to train residents in rural areas; and
 - Adjusts artificially low Medicare caps and per resident amounts that were a barrier to some hospitals training more residents.
 - **The 1000 Slots**
 - The slots will be distributed from FY 2023-2027; 200 slots per year.
 - A hospital may not receive more than 25 positions in total.
 - In determining which hospitals will receive positions, CMS must take into account the demonstrated likelihood of the hospital filling the positions within the first 5 training years starting after the date the increase is effective.

<https://rules.house.gov/sites/democrats.rules.house.gov/files/BILLS-116HR133SA-RCP-116-68.pdf>

TEACHING HOSPITALS VITAL FOR TOMORROW'S HEALTH CARE

Teaching hospitals train future health care professionals, conduct medical research and fulfill a distinct and vital role in delivering patient care. While many hospitals offer comprehensive care, our nation's 1,041 teaching hospitals also deliver sophisticated diagnostic and treatment services. Teaching hospitals serve as economic engines of their local communities, providing millions of jobs and serving as hubs for biomedical research and other business activity.

1,000+ TEACHING HOSPITALS PROVIDE KEY BENEFITS



MEDICARE'S SUPPORT OF TEACHING HOSPITALS

Teaching hospitals receive Medicare funding to offset some of the costs associated with training medical and dental residents through direct graduate medical education (DGMED) payments and are paid for high patient care costs associated with training residents – such as additional diagnostic testing – through indirect medical education (IME) payments.

8.3 MILLION JOBS SUSTAINED ACROSS 1,000+ COMMUNITIES

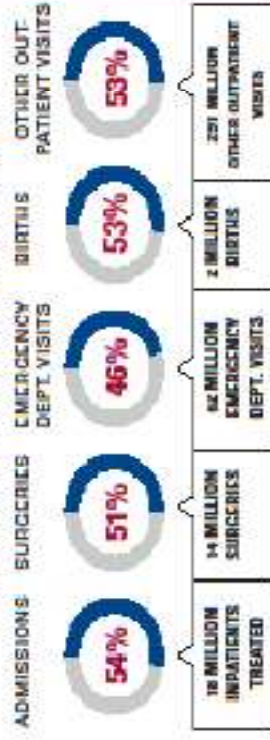


72,000 JOBS ARE AT STAKE
(If the Simpson-Bowles deficit commission's recommended 60% cut to Medicare's indirect medical education funding is enacted.)



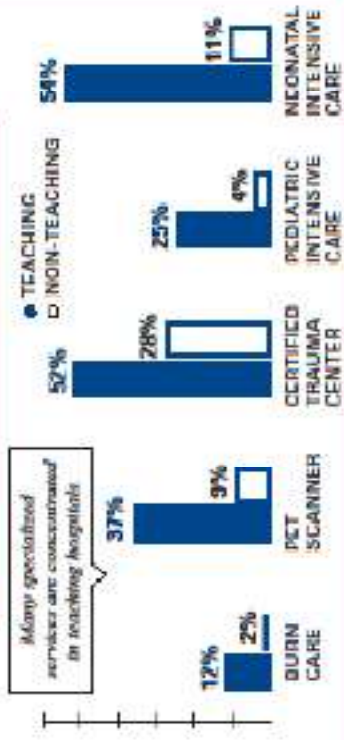
ALTHOUGH TEACHING HOSPITALS REPRESENT ONLY 1 IN 5 HOSPITALS, THEY DELIVER A MUCH LARGER SHARE OF THE NATION'S HEALTH SERVICES.

PERCENT AND ANNUAL NUMBER OF ALL HOSPITAL SERVICES PROVIDED BY TEACHING HOSPITALS



61% OF UNCOMPENSATED CARE THROUGHOUT THE NATION IS DELIVERED IN TEACHING HOSPITALS.

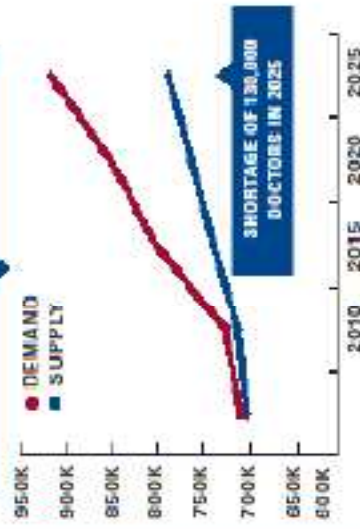
PERCENT OF HOSPITALS OFFERING SERVICE



THE EMERGING PHYSICIAN SHORTAGE CRISIS

The projected demand for active physicians is poised to increasingly outpace the supply of trained personnel. If anything, more resources should be invested in the next generation of doctors to fulfill our nation's future medical needs.

PROJECTED SUPPLY AND DEMAND FOR FULL-TIME EQUIVALENT PHYSICIANS ACTIVE IN PATIENT CARE: 2010 - 2025



THE 10-YEAR FUNDING FREEZE

IME payments are based on hospitals' ratios of residents to beds, and DGMED payments are based on hospital-specific, per-resident costs. The number of Medicare-funded residency training positions has been frozen at 1,990 levels, to address the looming shortage of doctors, the 18-year freeze must be ended and Medicare funding must keep pace with the nation's need for physicians.

INCREASE MEDICARE-FUNDED RESIDENCY POSITIONS TO PRESERVE THE MEDICAL LANDSCAPE OF TOMORROW – DON'T CUT FUNDING FOR TRAINING FUTURE CAREGIVERS.

SOURCES: 2013 DATA FROM AMERICAN HOSPITAL ASSOCIATION, ASSOCIATION OF AMERICAN MEDICAL COLLEGES



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<https://www.aha.org/system/files/2018-02/info-teaching.pdf>

GRADUATE MEDICAL EDUCATION IMPACT

- Graduate Medical Education is aligned with the Mission and Vision of Broward Health
- 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
- In recent years, there has been significant national focus on improving the clinical learning environment. We now know that the quality, safety, and cost of care provided in the environment in which physicians train predicts the quality of their lifelong practice. As a result, 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.



BROWARD HEALTH®

GRADUATE MEDICAL EDUCATION IMPACT

- 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 and health care delivery. GME innovation goes hand in hand with the educational experience for the next generation of physicians to prepare the physician workforce for the health care system of the future
- Resident required quality improvement and research projects develop new performance metrics and new data sets demonstrating the increasing ability of new physicians to work in teams, facilitate system changes to improve population health, and foster continuous quality improvement in 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>



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Broward Health Graduate Medical Education



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