

**Marshall University**  
**Joan C. Edwards School of Medicine**  
*Annual Institutional Review*  
*2013-2014 Academic Year*



**Graduate Medical Education**

*Submitted by*

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# Marshall Graduate Medical Education

163 Trainees

**2013-2014**

**7 Core Residency Programs**

Family Medicine

Internal Medicine

Internal Medicine/Pediatrics

Obstetrics/Gynecology

Orthopaedic

Pediatrics

Surgery

2013-2014

**5 Fellowships**

Cardiology

Endocrinology

Interventional Cardiology

Medical Oncology

Pulmonary

# GMEC Continued Support and Accomplishments

- **Successful RRC Accreditation Decisions for institution.**
  - Continued Accreditation
  - Resolved ALL Previous Citations
  - Received Commendation for satisfactorily addressing all previous citations!***
- **Successful RRC Site Visits for Residents/Fellowship Programs**
  - Oncology
  - Surgery
- **Obtained RRC Letters Continuing Accreditation In**
  - Internal Medicine/Pediatrics – with commendation
  - Orthopaedic Surgery
  - Pediatrics - with commendation
  - *Internal Medicine*
    - Subspecialty Programs
    - Cardiovascular disease
    - Endocrinology, diabetes, & metabolism
    - Interventional Cardiology
    - Pulmonary disease



# GMEC Continued Support and Accomplishments, *cont.*

- **Received RRC Initial Accreditation for New Program in Psychiatry**
  - **GMEC Monitored application progress for Nephrology Fellowship**
  - **Participated in the main medical school accreditation preparation for LCME accreditation visits in 2013**
  - **At the request of the Resident Advisory Council, worked with CHH administration to:**
    - Address/resolve NICU/PICU staffing areas of concerns
    - Intermediate Care utilization of residents Issues
    - FTE Issues for Staffing
  - **Working Subcommittees Created to focus on**
    - Finance
    - Away Electives for Residents/Fellows
    - Resident Appeal
  - **Policies Passed Regarding**
    - Special Review
    - Annual Program Evaluation (and template design)
    - Reduction and Closure
    - Non-Compete
    - USMLE Step 3 or equiv.
  - **Appointments of Residents/Fellows to Hospital Committees**
- Transition of Care  
Patient Safety and Quality Improvement
- Dress Code  
Transfer Policy  
Pre-Training Screening  
Recruitment & Selection  
Compensated and Uncompensated Leave



# GMEC Continued Support and Accomplishments, *cont.*

- **Reviewed, revised and adopted policies on**
  - **Special Review**
  - **Dress Code**
  - **Annual Program Evaluation (and template design)**
  - **Transfer Policy**
  - **Reduction and Closure**
  - **Pre-Training Screening**
- **Approved complement increases for:**
  - **Oncology**
  - **Cardiology**
  - **Internal Medicine**
- **Updated Institutional Statement of Commitment**
- **Approved Stipend increases for Residents/Fellows**
- **Approved Contractual Agreement for 2015 Match**



# Clinical Learning Environment Review (CLER) Site Visit

- Beta Site Visit, held August 27-28, 2013
- Group meetings
  - Residents/fellows
  - Faculty and program directors
  - C-Suite
- Walking Rounds at CHH



# CLER *cont.*

- Action Plan developed and presented to C-Suite and GMEC . Examples of areas we are working on include:
  - Develop patient safety event protocols (who should report what and when)
  - Develop common approach to manage patient care hand-offs across programs and service areas.
  - Develop cultural competency training tailored specifically for populations served by CHH
  - Develop on-line verification of procedures for resident/fellow credentialing.
  - Develop patient awareness of different roles of residents/fellows and attendings.



# ACGME Residents/Fellows Survey Results

- **The Resident's overall evaluation of the program was 58% very positive, 30% positive, 11% neutral, 1% negative and 1% very negative.**
- **Duty Hours- All responses were 95% and above for program compliancy.**
- **Faculty – At or Above national compliant rate were received on all questions but the creation of environment of inquiry which was 2% lower than national compliant.**
- **Evaluation- Above the national compliant rate for all the questions.**
- **Educational Content- Above the national compliant rate for all the questions.**
- **Resources- Concern was raised about use of electronic medical records integrated across settings (87%). All other responses were above or at national compliant rate.**
- **Patient Safety/Teamwork- At or above national compliant rate**





# ACGME

## Core Faculty Survey Results

**The faculty's overall evaluation of the program was 82% very positive and 18% positive.**

**Faculty Supervision and Teaching- All responses except one were at or above national compliant rate**

**Educational Content- All responses were at or above national compliant rate.**

**Resources- All but one question were at or above national compliant rate. The question about resident/fellow workload exceeding capacity to do the work was one percentage below the national compliant rate of 99%.**

**Patient Safety- All responses were at or above national compliant rates.**



# Examples of Residents/Fellows Research Projects /Abstracts

- ***Pathological analysis of hysterectomy specimens following prior endometrium ablation: identification of risk factors for abnormal pathology and need for hysterectomy, Ashleigh Clickett, DO, and team, OBGYN***
- ***Umbilical Cord Buprenorphine Tissue Levels and Neonatal Abstinence Syndrome, Allison Hamilton, MD, and team, OBGYN.***
- ***Fetal Vitamin D Levels at Parturition: Does location matter? Jesse N. Cottrell, MD and team, OBGYN,***
- ***Chronic Kidney Disease in a Pregnant Patient: A Case Report, Melissa A. Rowe, MD, and team, OBGYN,***
- ***Perivascular Fat Relation to Hypertension: WV-Appalachian Heart Study Christopher Adams, MD, and team, Cardiovascular Medicine.***
- ***Using Capsule Endoscopy to Determine the Diagnostic Yield in Patients with Obscure GI Bleeding in an Academic Affiliated Hospital in West Virginia, Rezwan Ahmed, MD, Internal Medicine***



# Resident/Fellow Patient Safety & Quality Improvement (PS/QI) Involvement

- GME Sponsored 2 Residents to attend 2014 IHI National Conference
- Increased involvement of Residents/Fellows in PS/QI Projects.

Examples of projects included:

- *Who are you? A W.A.Y. to Help Families Recognize Medical Team Member Roles*, **Rebecca Hayes, MD**, and team, Pediatrics
- *1<sup>st</sup> Phase Root Cause Analysis of Blood borne Pathogen Exposures in an Academic Setting*, **Jonathan Hess, MD** and team, Family Medicine
- *Does Standardizing Albuterol Weaning Reduce Hospital Length of Stay, Readmission Rates, and Rapid Response Codes?* **Tierra Crockett, MD**; and team, Pediatrics
- *Don't be naughty, prevent C.A.U.T.I.*, **Ashley Zawodniak, DO**, and team, Internal Medicine
- *Central Line Associated Blood Stream Infections in the trauma population: An initiative to reduce hospital acquired infections and central line days.* **Thomas Alberico, MD** and Team, Department of Surgery.



# Outcome Measures

*How Do We Know if Our  
GME Programs  
Are Successful?*



Marshall Graduate Medical Education

# Successfully Accredited Institution & Programs!

PROGRAMS	TOTAL RESIDENTS OR FELLOWS (APPROVED)	LENGTH OF TRAINING	ACCREDITATION STATUS	CURRENT # of YEARS OF ACCREDITATION ***	EFFECTIVE DATE***	Next RRC Meeting/ Decision	SELF STUDY VISIT DATE***
<b>Core Programs</b>							
Family Practice	24	3 YEARS	CONTINUED	YEARLY	5/19/2008	2/9/2015	5/1/2018
Internal Medicine	55	3 YEARS	CONTINUED	YEARLY	1/24/2014	2/20/2015	1/1/2020
Medicine/ Pediatrics	8	4 YEARS	CONTINUED	YEARLY	3/17/2014	1/29/2015	4/1/2017
Orthopaedic Surgery	15	5 YEARS	CONTINUED	YEARLY	1/9/2015	1/9/2015	6/1/2021
Surgery	23	5 YEARS	CONTINUED W/WARNING	YEARLY	2/20/2014	2/19/2015	2/1/2024
OB/GYN	12	4 YEARS	CONTINUED	YEARLY	5/16/2013	2/12/2015	6/1/2021
Pediatrics	18	3 YEARS	CONTINUED	YEARLY	3/17/2014	1/29/2015	4/1/2017
Psychiatry	16	4 YEARS	INITIAL	YEARLY	7/1/2015	4/1/2016	
<b>Sub-Totals</b>	116						

<b>Fellowship Programs</b>							
Cardiology	12	3 YEARS	CONTINUED	YEARLY	1/24/2014	2/20/2015	1/1/2020
Endocrinology	4	2 YEARS	CONTINUED	YEARLY	1/24/2014	2/20/2015	1/1/2020
Pulmonary	5	2 YEARS	CONTINUED	YEARLY	1/24/2014	2/20/2015	1/1/2020
Oncology	4	2 YEARS	CONTINUED	YEARLY	5/15/2014	2/20/2015	1/1/2020
Inteventional Cardiology	2	1 YEAR	CONTINUED	YEARLY	1/24/2014	2/20/2015	1/1/2020



# Boards Passage Rate

	2013	2014
<b>RESIDENCY</b>		
Family Practice	100%	n/a
Internal Medicine	90%	73%
Medicine/Pediatrics		
	100%	100%
<b>MED</b>		
	n/a	100%
<b>PEDS</b>		
Orthopaedic Surgery	100%	67%
Surgery	QE 100%	67%
	CE 0%	n/a
<b>OB/GYN</b>	100%	100%
<b>Pediatrics</b>	100%	80%

FELLOWSHIP	2013	2014
Cardiology	100%	100%
Endocrinology	n/a	100%*
Pulmonary	100%	0%
Oncology	n/a	50%
Interventional Cardiology	100%	100%

\* One graduate delayed taking boards



# Curriculum Changes Have Been Implemented To Address Board Passage Rates

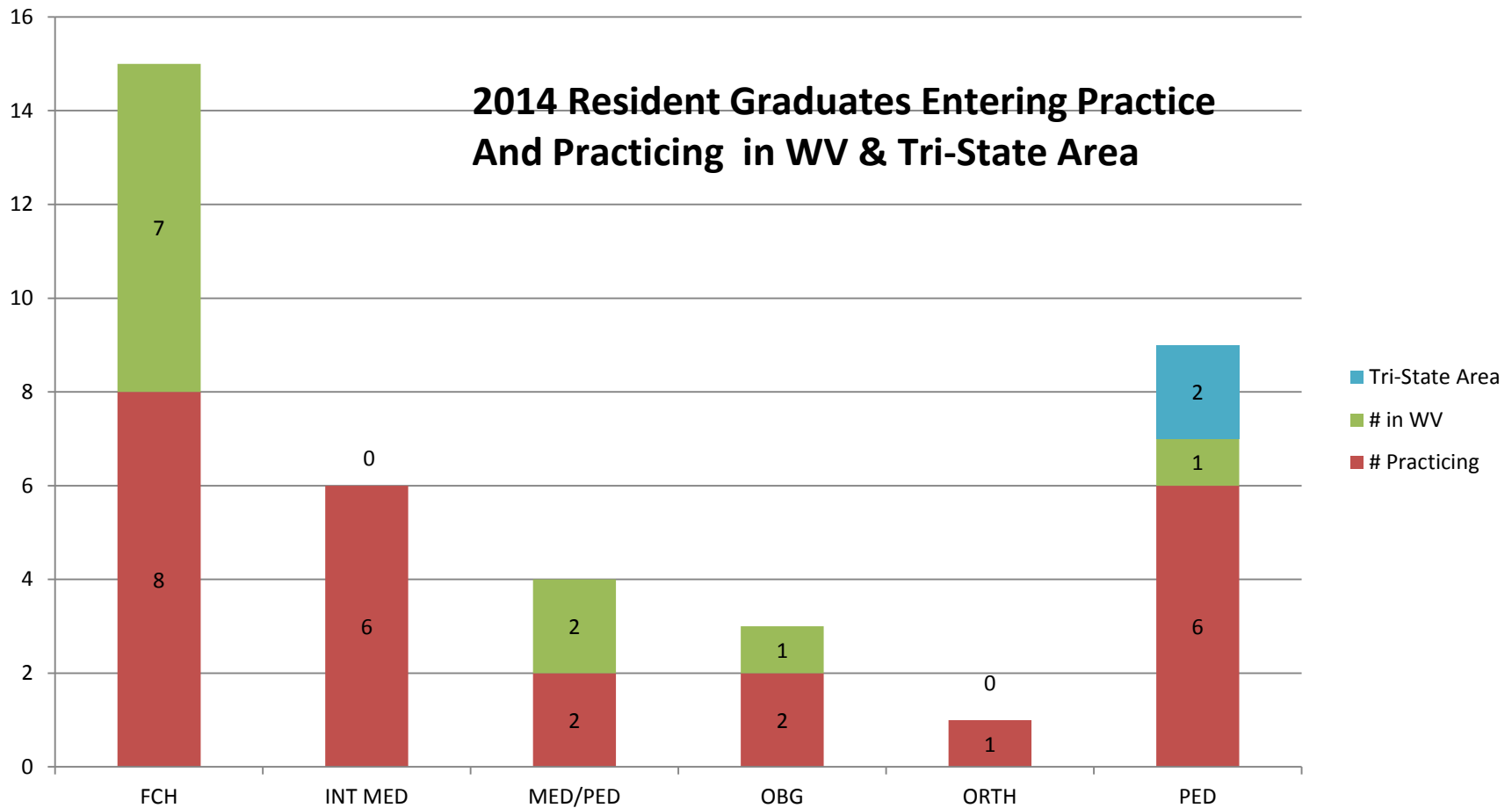
To address board passage rates, programs with low board passage rates have implemented curriculum changes.

The following is an example of Surgery's curriculum changes:

- Integration of the ACS Score curriculum into training
- Placement of greater emphasis on the yearly in-service exam
- Initiate weekly mock oral exam into our conference schedule
- Identification of at-risk residents early and provision of more concentrated/structured reading and educational activities.
- Provision of a 55 hour board review course audio CD
- Provision of more prep books/materials for both qualifying and certifying board exams.



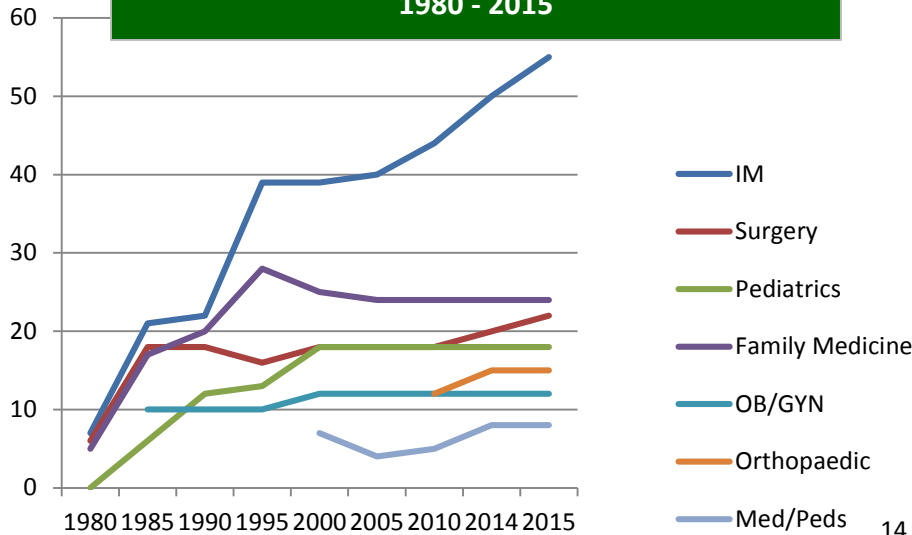
# Graduate Placement Date



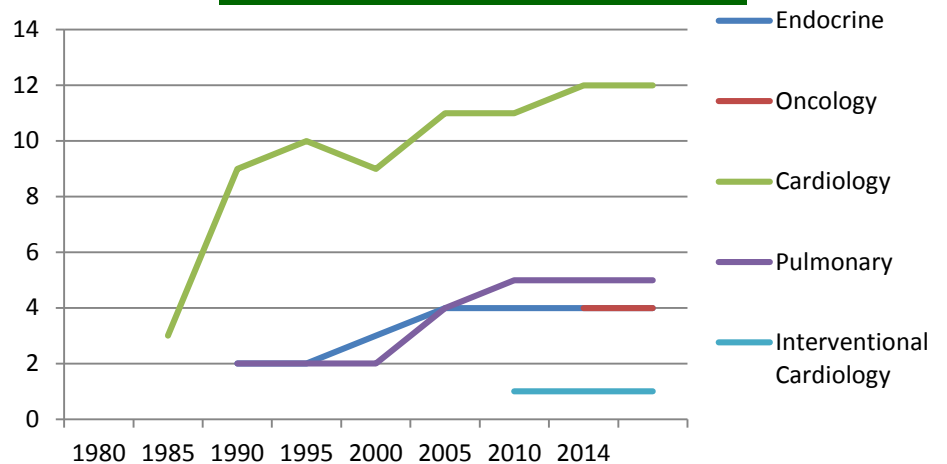


# Growth of Our Graduate Medical Education Programs

**Growth of Marshall Residency Programs  
1980 - 2015**



**Growth of Marshall Fellowship Programs  
1980 - 2015**



# Meeting Future WV Health Care Needs

## Planning For Growth In

- Primary Care Residencies
  - Family Medicine
  - Internal Medicine
  - Pediatrics
- General Dentistry
- Neurology
- Nephrology Fellowship

