



### Program Overview

ACFOR is an innovative 3-year accelerated medical school curriculum that culminates in the M.D. degree and leads to a position in the Orthopedics Residency program at MUSC.

For appropriately selected students, this track provides

1. Reduced medical student debt
2. Reduced time to complete overall medical training
3. Reduced burden of interview and application process for Orthopedic residency

ACFOR students complete two years of basic science coursework, all required third year clerkships, and 25 weeks of additional coursework. Interested students apply to enter the accelerated track in the fall of their 2<sup>nd</sup> year. Those who attain progress milestones may then interview for the Orthopedic residency spot midway through third year. Up to 2 students are selected. The traditional 4-year curriculum at MUSC includes 150 weeks of instruction compared to 134 weeks for ACFOR.

### Cost Reduction

The student's cost for medical school is reduced by 18%.

### Student Support

- Counseling by Student Affairs and Careers in Medicine regarding implications of program
- Close mentorship from the Orthopedic faculty for all students regardless of participation in or selection for ACFOR

### Program Curriculum

Accelerated Curriculum and Focused Orthopaedics Residency (ACFOR)															
Preclinical Curriculum	Year 1	35 Weeks + Summer Fellowship in Orthopaedic Research													
	Year 2	34 Weeks + USMLE Step 1 Preparation Course      Optional ORTHO SURG Selective													
Clinical Curriculum	Year 3	49 Weeks	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	Year 4	16 Weeks	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb				
			Clinical Skills Curriculum (1 week)	MEDICINE Clerkship (6 weeks)	OB/GYN Clerkship (6 weeks)	SURGERY Clerkship (6 weeks)	PEDIATRICS Clerkship (6 weeks)	ORTHO* Elective (3 weeks)	PSYCHIATRY Clerkship (6 weeks)	CRITICAL* CARE Selective (3 weeks)	FAM MED Clerkship (6 weeks)				
			USMLE Step 2CK and 2CS Preparation (2 weeks)	Advanced Surgery Elective** (Combines inpt rounding, ambulatory ortho, and skills workshops) (4 weeks)	Senior Medicine Core (Pulmonary) (4 weeks)	MUSC Surgery Externship (Selected from Trauma, Oncology, Vascular, Pediatrics) (4 weeks)	Radiology with MSK Focus (4 weeks)***	Internship begins in early November	<i>Students may opt out of the internship at any point prior to Dec 31<sup>st</sup>, and proceed with the traditional match program.</i>						
												INTERNSHIP 101 (3 weeks)			

#### ACFOR Application and Selection Process :

- In Year 2, interested students submit a personal statement, Curriculum Vitae, and a waiver to review preclinical grades, professionalism information, Step 1 score once available, MCAT scores, and undergraduate transcript.
- Selection committee determines which students are eligible to enter the track.
- ACFOR- eligible students follow a specified Year 3 schedule to ensure specific clerkships before mid-year and an orthopedics elective in the month preceding the final interview.
- At the midpoint of year 3, ACFOR-eligible students who remain interested and demonstrate competency are invited to submit updated application materials and scheduled for an interview with the Dept of Orthopedics.
- Following the final interview, up to 2 students are selected to enter the ACFOR program.

#### ACFOR Program Curriculum Modifications:

- Selected students complete required clerkships
- The two remaining elective periods in Year 3 are utilized to complete a Critical Care Elective and Internship 101.
- Step 2CK and 2CS are completed in June.
- Year 4 includes an Advanced Surgery Orthopedics Elective, Medicine Core Rotation in Pulmonary, Radiology Elective with a musculoskeletal focus, and a Surgery Externship chosen from specific pool.
- Students register for ERAS and NRMP; Dept of Orthopedics then requests Family Medicine Accelerated Program exemption to NRMP All-In policy
- Students graduates after successful completion of requirements and competency assurance
- Begins residency in November.

### Program Status & Accomplishments

#### Pilot Year:

- 11 student applied, 4 were deemed ineligible, 7 began the track
- After beginning this track, 2 participants declined to participate and 5 continued.
- 1 student was selected in the final interview and is currently entering the modified Year 4 curriculum with plan to begin residency Nov 2017

#### Year 2

- 9 students applied, 5 were selected as eligible to be considered for the track
- These 5 eligible students have entered the Year 3 curriculum for ACFOR and selection of 2<sup>nd</sup> student cohort will occur in Jan 2018

#### Future Planning

- With revisions in preclinical curriculum, we plan for the ACFOR student to graduate after three completed years.
- Exploring expansion to Family Medicine, Internal Medicine, Pediatrics, Surgery, Psychiatry, ObGyn, Neurology, Pathology, Ophthalmology, Radiation Oncology, Anesthesia, Radiology, ENT

### Challenges

- Appropriate student-centered counseling/advising on pros/cons of program
- Navigating potential conflict of interest with the participating department(s)
  - All students receive good letters and advising
  - Very competitive students who opt for broad application plan aren't penalized internally
- Logistics of mid-year graduation
  - Pro-rating tuition
  - Funding extra resident salary
- Improving screening and selection process for appropriate students
- Ensuring competency of selected student(s)
- Exception to NRMP all-in rule

### Program Contact

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# Program Curriculum

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# Application and Selection Process

## Enter Modified Year 3 Schedule

- ✓ 4 Clerkships in fall including Medicine, Surgery
- ✓ Ortho Elective in Jan Year 3-during month of final interview

## Year 4 Schedule

- ✓ 2 Required courses and 2 electives geared toward specialty needs

Fall-Yr 2

Fall-Yr 3

Spring-Yr 3

Yr 4

Oct-Yr 4

## Screen for Eligibility

- ✓ Review of academic record
  - ✓ Preclinical grades
  - ✓ USMLE Step 1
  - ✓ MCAT Scores
  - ✓ Undergrad transcript
- ✓ Review of professional record
- ✓ Personal statement
- ✓ Detailed CV

## Complete Modified Year 3 Schedule

- ✓ Internship 101 in next to last block of third year if selected
- ✓ Competency Assessment

## Graduation

- ✓ Competency Assessment



## ACFOR Team

### Administrative

- Raymond N. Dubois, MD, PhD – Dean of the MUSC College of Medicine
- Donna Kern, MD –Senior Associate Dean for Medical Education
- Angela Dempsey, MD, MPH – Associate Dean for Curriculum, Clinical Science
- Megan Grinnell, Coordinator
- Christine Talbot-Bond, Coordinator
- Christina Bourne, MD, Associate Dean of Student Affairs

### Orthopedics

- Vincent Pellegrini, MD, Chair, Dept Orthopedics
- Lee Leddy, MD, Residency Program Director, Dept Orthopedics

### Basic Sciences

- Deborah Hazen Martin, PhD- Associate Dean for Curriculum, Basic Sciences

