

Accelerated Curriculum & Focused Orthopedic Residency (ACFOR)

Medical University of South Carolina

Angela Dempsey, MD, MPH and Donna Kern, MD, Project Team







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 2nd 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)										
Year 2 34 Weeks + USMLE Step 1 Preparation Course Optional ORTHO SURG Selective										
Clinical Curriculum		Jun	July Aug	Sep	Oct N	ov Dec	Jan Fe	b Mar	Apr May	Jun
	Year 3 49 Weeks	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) NEURO REHAB* Clerkship (3 weeks)	PSYCHIATRY Clerkship (6 weeks)	CRITICAL* CARE Selective (3 weeks) INTERNSHIP 101 (3 weeks)	FAM MED Clerkship (6 weeks)
		Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb
	Year 4 16 Weeks	USMLE Step 2 CK and 2 CS Preparation (2 weeks)	Elective**	Medicine Core (Pulmonary)	MUSC Surgery Externship (Selected from Trauma, Oncology, Vascular, Pediatrics) (4 weeks)	with MSK	Internship begins in early November	Students may opt out of the internship at any point prior to Dec 31 st , and proceed with the traditional match program.		oceed with the

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 midyear and an orthopedics elective in the month preceding the final interview.
- At the midpoint of year 3, ACFOR-eligible students who remain interested <u>and</u> 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 2nd 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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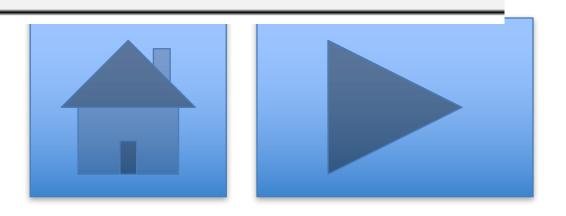
Program Curriculum

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

workshops)

(4 weeks)





Application and Selection Process



Enter Modified Year 3 Schedule

✓ Review of professional record

✓ Personal statement

✓ Detailed CV

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

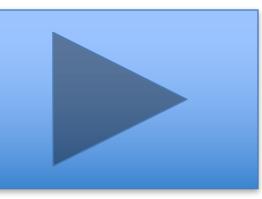
Year 4 Schedule

✓ 2 Required courses and 2 electives geared toward specialty needs

Yr 4 Fall-Yr 2 Fall-Yr 3 Spring-Yr 3 Oct-Yr 4 Complete Modified Year Screen for Eligibility Graduation ✓ Review of academic record ✓ Competency 3 Schedule ✓ Internship 101 in next ✓ Preclinical grades Assessment ✓ USMLE Step 1 to last block of third ✓ MCAT Scores year if selected ✓ Undergrad transcript 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 –
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