



ACCELERATED PATHWAY IN ORTHOPAEDICS

Duke University School of Medicine

Colleen O'Connor Grochowski, PhD, Associate Dean for Curricular Affairs



Program Overview

The Accelerated Pathway in Orthopaedics (APO) is a unique opportunity for interested Duke students to pursue a clinical experience in orthopaedic surgery as a third-year student and to demonstrate the potential (competency, quality, maturity, etc.) for entering the PGY-1 Duke Orthopaedic Surgery residency class the following year, thereby graduating from Duke University School of Medicine after their 3rd year of medical school.

The Goals of the APO are to:

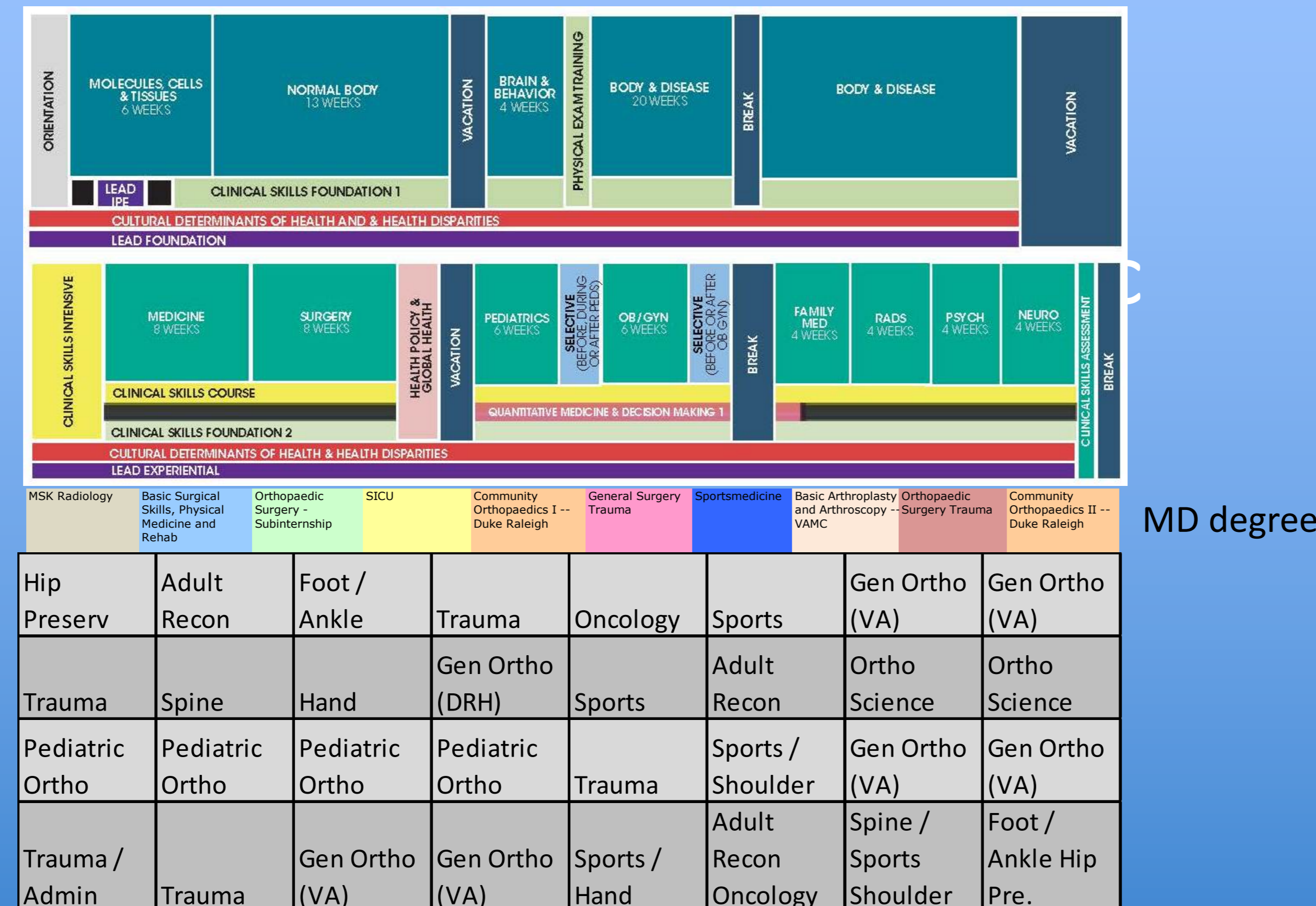
- Enhance effectiveness and efficiency of orthopaedic surgery training
- Streamline the number of required years
- Provide structured preparation for orthopaedic surgery residency training
- Promote skills in leadership, professionalism, research, ethics, and practice- and systems-based medicine

Feature of the APO:

- Combines three years of medical school with five years of residency training
- Students get MD degree at end of third year
- Direct admissions into Duke Orthopaedic residency program
- Provides focused mentorship and coaching
- Approved by American Board of Orthopaedic Surgery and LCME

Program Curriculum

Duke University School of Medicine Accelerated Pathway in Orthopaedics



MD degree

Program Status & Accomplishments

- First cohort completed in 2016-2017; started residency in 2017
- Second cohort about to begin Accelerated Pathway in Orthopaedic third year sub-internships

Advice for Other Institutions

- Accelerated pathways can work for subspecialty fields
- Active mentorship and coaching in the sub-internship year is vital
- Clearly defined timeline for deceleration allows for re-entry to traditional curriculum in order to graduate on time

[Program Curriculum](#)

[Admissions Model](#)

[Photos](#)

Program Contact

Fraser Leversedge, MD
 Vice Chair for Education, Department of Orthopaedic Surgery
 Duke University School of Medicine
<https://registrar.duke.edu/sites/default/files/bulletins/2016-17/medbltn2016-17.pdf>

Program Curriculum

August

June

MSK Radiology	Basic Surgical Skills, Physical Medicine and Rehab	Orthopaedic Surgery - Subinternship	SICU	Community Orthopaedics I -- Duke Raleigh	General Surgery Trauma	Sportsmedicine	Basic Arthroplasty and Arthroscopy -- VAMC	Orthopaedic Surgery Trauma	Community Orthopaedics II -- Duke Raleigh
Hip Preserv	Adult Recon	Foot / Ankle		Trauma	Oncology	Sports		Gen Ortho (VA)	Gen Ortho (VA)
				Gen Ortho (DRH)		Adult Recon	Ortho Science	Ortho Science	
Trauma	Spine	Hand			Sports				
Pediatric Ortho	Pediatric Ortho	Pediatric Ortho		Pediatric Ortho		Sports / Shoulder	Gen Ortho (VA)	Gen Ortho (VA)	
				Trauma					
Trauma / Admin	Trauma			Gen Ortho (VA)	Gen Ortho (VA)	Sports / Hand	Adult Recon Oncology	Spine / Sports Shoulder	Foot / Ankle Hip Pre.

Description

- Defined 3rd year rotations / sub-internships
- Inpatient and community-based
- Longitudinal CORE curriculum*
- Intense mentorship

*Longitudinal CORE Curriculum:

- Professionalism
- Diversity
- Ethics
- Practice-based
- Systems-based
- Research
- Patient Safety
- Leadership

Third year milestones:

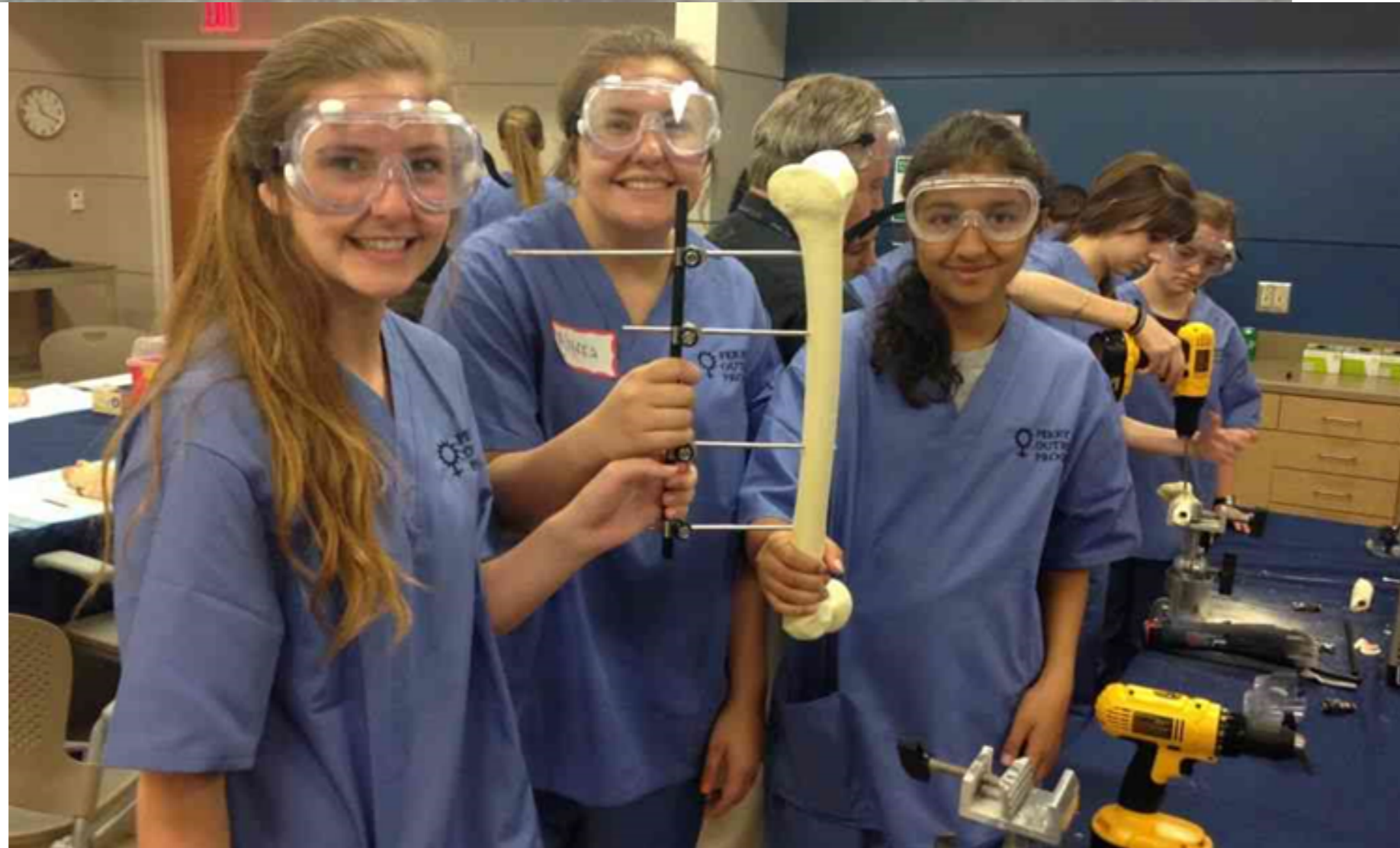
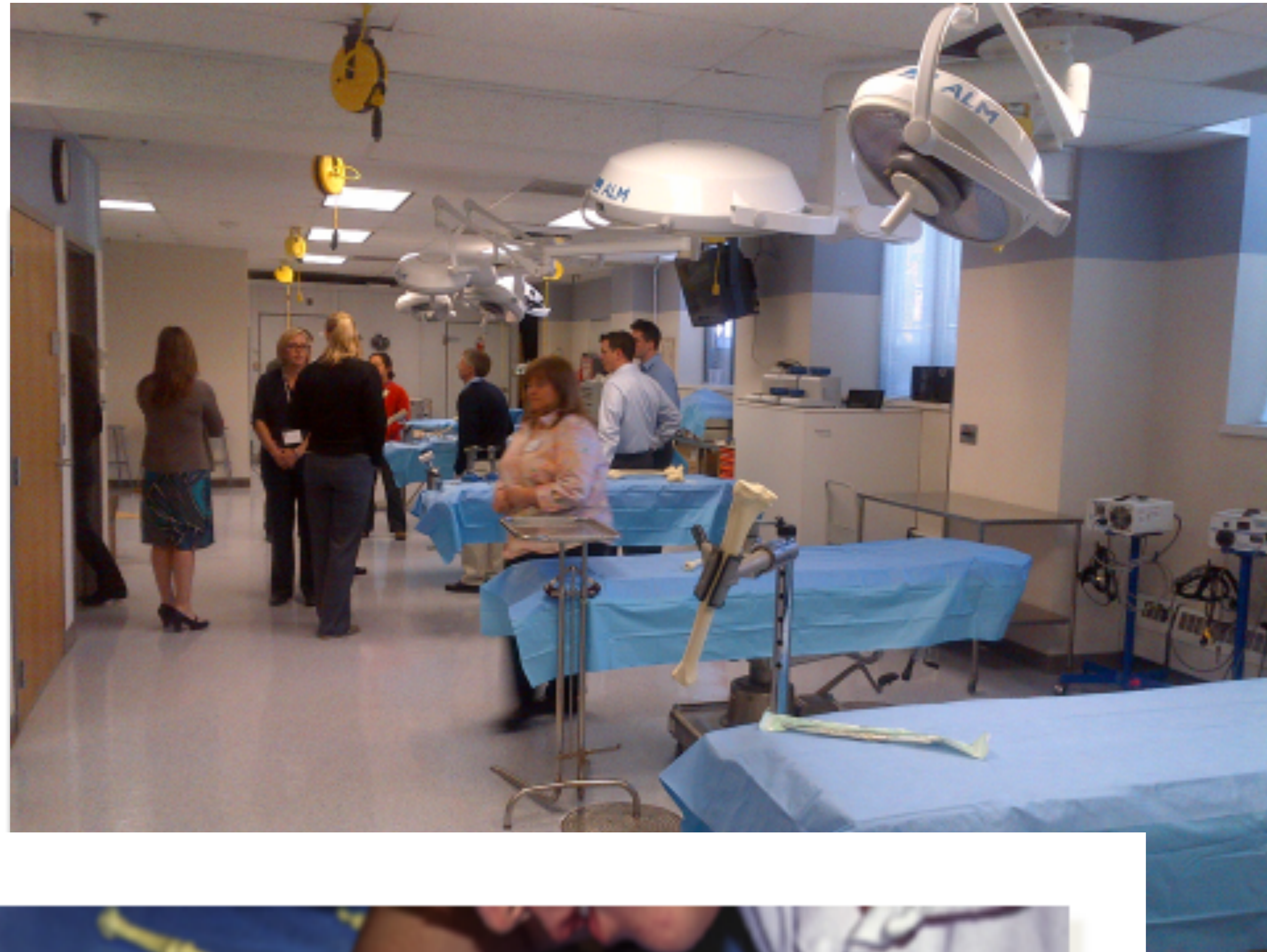
- Commitment to take student to residency – December
- Step 1 – January
- Step 2CK and 2CS - February



ADMISSIONS MODEL

- All second year students all invited to apply
- Spring Year 2
 - Information sessions to describe the program
 - Written application (similar to regular application)
 - Letters of recommendation and “dean’s letter”
 - Interviews (orthopaedic faculty, Dean’s representative, residents)
 - Mini orthopaedic clinical experience over Spring Break
 - Committee (faculty and residents) make final selection
- December Year 3
 - Decision to admit to residency program made or deceleration





Program Team

- Benjamin A. Alman, MD, Chair of Orthopaedic Surgery
- Fraser Leversedge, MD, Vice Chair for Education, Department of Orthopaedic Surgery
- Brian E. Brigman, MD, Director, Resident Program, Department of Orthopaedic Surgery
- William Hardaker, MD (deceased), former Professor of Orthopaedic Surgery
- Edward G. Buckley, MD, Vice Chair for Education, Duke University School of Medicine
- Catherine Kuhn, MD, Director of Graduate Medical Education and Designated Institutional Official, Duke University Hospital and Health System
- Colleen O'Connor Grochowski, PhD, Associate Dean for Curricular Affairs, Duke University School of Medicine

