



# TTUHSC EL PASO

Texas Tech University Health Sciences Center El Paso

**ORTHOPAEDIC SURGERY AND REHABILITATION**

**FOSTER SCHOOL OF MEDICINE**

## ORTHOPAEDIC SURGERY SUB-INTERNSHIP

## SYLLABUS

2024 - 2025 Paul L. Foster School of Medicine Academic Calendar

## Faculty Contact Information:

	<p><b>Dr. Norman Ward III, MD</b>                  Sub-Internship Clerkship Director                  Director of Medical Student Affairs                  Pediatric Orthopaedics  <a href="mailto:Norman.H.Ward@ttuhsc.edu">Norman.H.Ward@ttuhsc.edu</a>                  Cell: 678-877-9553 (preferred)                  Office: 915-215-5164</p>	<p>Clinic:                  PM Mon/AM Wed at EPCH MSC                  AM/PM Thursday at THOP</p> <p>OR (UMC/EPCH):                  Tuesday and Friday</p>
	<p><b>Dr. Adam Adler, MD</b>                  Orthopaedic Residency Program Director                  Orthopaedic Trauma and Hip Reconstruction  <a href="mailto:Adam.Adler@ttuhsc.edu">Adam.Adler@ttuhsc.edu</a>                  Office: 915-215-4960</p>	<p>Clinic:                  AM/PM Thursday at TxTech</p> <p>OR (UMC):                  Monday, Tuesday, and Wednesday</p>
	<p><b>Dr. Rajiv Rajani, MD</b>                  Chair of the Department of Orthopaedics and Rehabilitation                  Orthopaedic Oncology  <a href="mailto:RRajani@ttuhsc.edu">RRajani@ttuhsc.edu</a>                  Office: 915-215-4577</p>	<p>Clinic:                  PM Monday at THOP                  AM Wednesday at TxTech</p> <p>OR (UMC/EPCH):                  Tuesday, Thursday, and Friday</p>
	<p><b>Dr. Ahmed Thabet-Hagag, MD</b>                  Orthopaedic Trauma &amp; Pediatric Orthopaedics  <a href="mailto:Ahmed-Thabet.Hagag@ttuhsc.edu">Ahmed-Thabet.Hagag@ttuhsc.edu</a>                  Office: 915-215-4534</p>	<p>Clinic:                  AM Tuesday at TxTech                  PM Tuesday at EPCH                  AM Friday at EPCH</p> <p>OR (UMC/EPCH):                  Monday, Wednesday, and Friday</p>
	<p><b>Dr. Gil Gontre, MD</b>                  Hand, Upper Extremity, &amp; Microvascular Surgery  <a href="mailto:Gilberto.A.Gonzalez@ttuhsc.edu">Gilberto.A.Gonzalez@ttuhsc.edu</a>                  Office: 915-215-4954</p>	<p>Clinic:                  AM/PM Monday at TxTech                  AM/PM Thursday at TxTech</p> <p>OR (UMC/EPCH):                  Tuesday and Friday</p>
	<p><b>Dr. Evan Corning, MD</b>                  Orthopaedic Sports Medicine  <a href="mailto:Evan.Corning@ttuhsc.edu">Evan.Corning@ttuhsc.edu</a>                  Office: 915-215-6731</p>	<p>Clinic:                  AM/PM Wednesday at TxTech                  AM Friday at THOP</p> <p>OR (UMC):                  Monday, Tuesday, or Thursday</p>
	<p><b>Dr. Taylor Yong, MD</b>                  Orthopaedic Trauma  <a href="mailto:Tayong@ttuhsc.edu">Tayong@ttuhsc.edu</a>                  Office: 915-215-4713</p>	<p>Clinic:                  AM/PM Monday at TxTech</p> <p>OR (UMC):                  Tuesday, Wednesday, and Friday</p>

## Orthopaedic Surgery Sub-Internship Syllabus

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	<p><b>Dr. Karim Elsharkawy, MD</b> Joint Arthroplasty <a href="mailto:Kelshark@ttuhsc.edu">Kelshark@ttuhsc.edu</a> Office: 915-215-5480</p>	<p>Clinic: AM Monday at THOP PM Wednesday at TxTech</p> <p>OR (UMC/Surgical Hospital): Tuesday, Thursday, and Friday</p>
	<p><b>Dr. Andrew Tyler, MD</b> Orthopaedic Trauma <a href="mailto:andytyler@ttuhsc.edu">andytyler@ttuhsc.edu</a> Office: 915-215-5480</p>	<p>Clinic: AM Tuesday at THOP PM Wednesday at TxTech</p> <p>OR (UMC): Monday, Thursday, and Friday</p>

**Office Locations:** 4801 Alberta Ave. (Basement)

### Program Coordinator:

**Christy Graham**

Office: (915) 215-4624

[christy.graham@ttuhsc.edu](mailto:christy.graham@ttuhsc.edu)

### Associated Faculty:

Dr. Shawn Diamond, MD: Plastic and Reconstructive Surgery

Dr. Gil Moreu, DPM: Podiatry

## Map:



## Introduction:

### Medical Education Program Goals and Objectives:

The objective of the Sub-Internship (Sub-I) Clinical Rotation is for the student to gain knowledge in the fundamental and unique characteristics of orthopaedic and musculoskeletal care which encompasses multiple areas of medical aptitude including:

- Musculoskeletal examination
- Radiology interpretation
- Anatomy
- Surgical proficiency
- Infectious and oncologic pathology management
- Fundamentals of team-based care

Our goal is to provide the student with an opportunity to gain experience in the evaluation and treatment of general and subspecialty orthopaedic pathology. Patient care will occur in both the inpatient and outpatient setting as to further the student's understanding of longitudinal musculoskeletal treatment; regardless of his or her potential further career aspirations. Collaboration with additional medical services is encouraged and expect during the rotation. As such, the Sub-I would also be beneficial for students pursuing related fields such as Plastic Surgery, Emergency Medicine, Radiology, Vascular Surgery, and/or Family Medicine.

The UMC/EPCH Orthopaedic Surgery Sub-I will provide the student the opportunity to work with the Texas Tech University HSC of El Paso Orthopaedic and Rehabilitation faculty and associated faculty. MS4 students enrolled in the Sub-I will have the option to attend any of the various subspecialty clinics with any of the faculty during their rotation. In addition, they will serve as an integral member of the orthopaedic surgery trauma service by assisting with consultations, reductions, patient assessments, and surgical interventions.

**Academic Success and Accessibility:**

TTUHSC El Paso is committed to providing equal access to learning opportunities to students with documented disabilities. To ensure access to this course, and your program, please contact the Academic Success and Accessibility Office (ASAO), to engage in a confidential conversation about the process for requesting accommodations in the classroom and clinical setting. Accommodations are not provided retroactively, so students are encouraged to register with the ASAO as soon as possible. Please note: faculty are not allowed to provide classroom accommodations to a student until appropriate verification from ASOA has been provided to the school and disseminated to the appropriate faculty member(s).

For additional information, please visit the ASAO website:

<https://el Paso.ttuhsoc.edu/student services/office-of-academic-and-disability-support-services/default.aspx>

**Course Objectives:**

**in concordance with the PLFSOM Medical Education Program Goals and Objectives 2023**

<https://ttuhscep.edu/som/catalog/documents/23-24%20PGO%20brochure.pdf>

Students rotating within the PLFSOM Orthopaedic Sub-I will be educated in and assessed on their ability to:

**Patient Care (PC):**

Demonstrate proficiency in coordinating a comprehensive and longitudinal treatment plan by obtaining and interpreting a musculoskeletal history and physical examination.	1.1, 1.2, 1.3, 1.4
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## Orthopaedic Surgery Sub-Internship Syllabus

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Demonstrate the ability to obtain appropriate imaging studies and interpret their findings based upon the patient's symptoms and/or injury.	1.2
Prioritize tasks for daily patient care in order to utilize time efficiently.	1.3,1.4
Utilize patient examination and evaluation of physical exam findings, imaging, and laboratory studies to form a thorough list of differential diagnoses.	1.1, 1.2, 1.3
Recognize life and limb threatening conditions and prioritize injuries requiring immediate attention.	1.3, 1.4, 1.5
Increase surgical and bedside clinical procedural aptitude through advancement of the mechanical skills required in orthopaedics.	1.8
Demonstrate understanding of fragility fracture prevention and understand optimal osteoporosis screening and treatment.	1.7
Participate in the consent process and be able to engage patients in discussions on treatment using shared decision-making.	1.6

### Knowledge for Practice (KP):

Demonstrate the ability to describe bone and fracture physiology and how it varies with different medical conditions.	2.1
Understand the differences in bone formation, biomechanics, and treatment of patients in infancy to advanced age.	2.1
Utilize research and evidence based principles to diagnose and treat various musculoskeletal ailments.	2.2, 2.3

## Orthopaedic Surgery Sub-Internship Syllabus

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Present orthopaedic patients to other medical professionals in a clear, concise, and effective manner.	2.1, 2.2, 2.3
Recognize and provide evidence based treatment for orthopaedic conditions which may be inherited and/or the result of environmental factors.	2.3, 2.4, 2.5
Demonstrate understanding of effective care of underserved populations and how treatment strategies may be optimized to improve functional outcomes in these groups.	2.4, 2.5
Identify risk factors and prevention strategies for orthopaedic patients which may increase the possibility of complications (i.e. diabetes, smoking, osteoporosis, etc.)	2.4
Appropriately interpret scientific literature as it applies to educating medical personnel and the public.	2.6

### Practice-Based Learning & Improvement (PBL):

Demonstrate improvement in knowledge of orthopaedic principles through individual learning from orthopaedic texts and scientific studies.	3.1, 3.4
Participate in and understand the importance of quality improvement projects within the orthopaedic department.	3.2
Internalize student feedback and demonstrate self-reflection and specific changes in conduct and practice.	3.3
Incorporate habits of life-long learning and scientific curiosity into medical practice to perpetually improve patient care.	3.1, 3.4, 3.5
Educate family members and patients on multiple orthopaedic injuries including their symptoms, treatments, and outcomes.	3.4, 3.5, 3.6

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Treat patients with individualized care and utilize their information to learn about specific orthopaedic ailments.	3.4, 3.5
Create a presentation on an orthopaedic topic of interest and provide evidence based education to the residents and faculty of the Orthopaedic Surgery Department.	3.4, 3.6

### Interpersonal and Communication Skills (ICS):

Communicate appropriately and effectively with patients and families in a variety of healthcare settings.	4.1
Understand when and how to utilize interpretation services to effectively care for patients who speak different languages.	4.1, 4.3
Demonstrate communication with other medical colleagues in the clinic, operative, and inpatient settings to optimize patient care.	4.2
Use empathy and honesty to relay medical information to patients and families.	4.3
Complete all necessary documentation in a timely fashion while maintaining comprehensive and accurate notes for effective patient care.	4.4

### Professionalism (PRO):

Exhibit honesty, integrity, respect, and compassion towards all patients, families, allied health professionals, and colleagues.	5.1, 5.6
Maintain appropriate attendance throughout the course without tardiness and with prompt notification when absences are expected.	5.3, 5.7
Complete all necessary requirements for documentation in a timely fashion.	5.3, 5.7



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Maintain patient confidentiality and avoid scenarios in which health care information may become compromised.	5.2, 5.5
Recognize patient presentations and conditions which may prompt escalation or de-escalation of care as it pertains to functional capacity and potential for recovery.	5.4
Demonstrate understanding of the surgical consent process as it pertains to patient autonomy and capacity including scenarios when other individuals may and should provide consent on the patient's behalf.	5.2

### **Systems-Based Practice (SBP):**

Demonstrate understanding of the health care system in which orthopaedics provides patients with functional recovery and how that treatment affects community health.	6.1
Appropriately identify the resources patients have access to in the community to assist with their orthopaedic recovery.	6.2
Describe the importance of orthopaedic treatment as a facilitator to provide patients with the ability to perform activities of daily living, return to sport, and/or return to work.	6.2
Incorporate considerations of costs along with the risks and benefits of different types of orthopaedic treatments in patient care.	6.3
Demonstrate proficiency at accessing a patient's chart with the medical record along with reviewing patient's medical imaging.	6.4
Recognize and describe the process for which patients are referred for orthopaedic care and when consultation/referral is appropriate.	6.3, 6.4

**Interprofessional Collaboration (IPC):**

Demonstrate the ability to work within a team-based environment effectively to provide patient centered care.	7.1, 7.2, 7.3
Understand the role of an orthopaedic specialist in the health-care model as that of a consultant and advocate for the functional health of the patient.	7.2, 7.3
Understand the importance of and the roles of advanced practice providers, nursing, therapy, social work, and other medical teams in the care for orthopaedic patients.	7.1, 7.2
Communicate effectively with other services and members of the patient care team.	7.2, 7.3
Demonstrate the ability to maturely and appropriately respond to conflict when encountered in the clinical and professional setting.	7.2, 7.4

**Personal and Professional Development (PPD):**

Demonstrate appropriate time management techniques for both personal health and patient care needs.	8.2
Demonstrate appropriate and mature techniques to deal with high stress environments and situations.	8.3, 8.4
Demonstrate appropriate knowledge of one's own limitations and knowledge of one's own role within the patient care team.	8.1, 8.2
Demonstrate evidence of continuous learning and alterations in behavior based upon guided feedback.	8.1

## Student Roles and Responsibilities:

Information regarding PLFSOM student professionalism, the Honor Code, and absence policy may be found in The PLFSOM Common Clerkship Policies at the following link:

[PLFSOM Common Clerkship Policy \(ttuhsc.edu\)](https://www.ttuhschool.edu/PLFSOM/CommonClerkshipPolicy)

### Absences:

Sub-I's are expected to notify the senior resident as well as the Clerkship Director as soon as possible in the event of an unplanned absence. Any absences greater than 3 consecutive days or total absences resulting in less than 21 days on the rotation must be discussed and cleared by the Clerkship Director.

### Duty Hours:

Duty hours will be strictly adhered to in compliance with the "Duty Hours Policy" as outlined in the "Common Clerkship Policies". If there are concerns with adhering to this policy, the Sub-I is highly encouraged to discuss this matter with the Clerkship Director or other faculty as to correct the issue.

Sub-I's will be required to take **two Friday or Saturday overnight calls throughout the rotation**. As with the entire course, call is subject to student duty hour limitations consisting of a maximum of **16 hours in a shift, a mandatory 10-hour break between shifts, and less than 80 hours within a given week. On call days, hours are not to exceed 24 hours in a shift.** Up to 4 hours of additional time may be needed for activities related to patient safety, such as transitions of care.

Assisting with call provides excellent exposure to common orthopaedic problems and will allow an opportunity to assist the overnight residents with splint application, fracture reductions, obtaining a pertinent history, generalized and focused physical examinations, and the management of poly-traumatized patients. Sub-I's should coordinate with other rotators to avoid having more than one student on call at a time. Selected dates should be provided to the clerkship director and the service chief resident prior to the first Thursday of the rotation.

### Professionalism:

Emphasis should be on patient examination and evaluation of clinical findings along with their relationship to musculoskeletal function and pathology. However, the Sub-I's are considered part of the clinical team, and as such, are expected to assist the residents with patient care.

In the clinics, white coats are required. Scrubs and white coats may be acceptable at the discretion of the individual faculty member however this should be discussed prior to the clinic day. ID badges are to be worn at all times, including in the operating room.

The Sub-I is expected to respect patient confidentiality at all times. Patient information should not be discussed outside of the professional setting.

## Course Format and Requirements:

### Course Format:

The Sub-Internship is a four week course consisting of two weeks on the UMC Orthopaedic Trauma Surgery Service, one week with the Department Chair, and one week with another faculty member. There will be a maximum of 2 PLFSOM students on the Orthopaedic Surgery Sub-I at a time.

Sub-I's wishing to pursue orthopaedic residency and who wish to have further exposure to the TTUHSC/WBAMC Orthopaedic Residency may allocate up to 2 weeks to work with military faculty. **Prior notification of >2 months before the start of the rotation is required as credentialing at outside hospital systems will be necessary.**

Sub-I's will be required to attend at least one full day per week of an outpatient clinic in the subspecialty of the Sub-I's choosing. The chosen clinic dates should be decided and presented to the Clerkship Director during the first week of the rotation.

Sub-I's may elect to work with our associated faculty however should be aware of the Op-Log requirements for the course.

### Deliverables:

The Sub-I will submit one of each of the following for evaluation by the end of the rotation: **Consultation Note, SOAP Note, Post-Op Note, Completed Op Log, and copy of the end of rotation Sub-I Presentation.** These should be completed by the student and deidentified. The contents of the notes should be understood by the student in their entirety, as their comprehension will be assessed during the final evaluation of the rotation. In addition, the student should submit **all Evaluation Cards** at the end of the rotation.

The Sub-I will be required to make a **10 to 15-minute presentation** on an aspect of orthopaedics the student is interested in at the end of the rotation. This presentation should incorporate a case presentation regarding a patient the student treated during the rotation. The presentation will be given during the last academic day of the rotation and will have the residency and faculty in attendance. It is recommended that students utilize current literature, wear professional attire, and practice their presentation in advance in order to perform well.

Sub-I evaluations in the form of four (4) Evaluation Cards are to be completed by faculty members and/or senior residents. Evaluation Cards should be completed weekly by individuals the Sub-I worked closely with during the week. Two (2) additional Evaluation Cards will be dedicated to a student's ability to perform an effective transition of care.

Final grade will be decided upon by the Clerkship Director. Overall participation, case presentations, assistance with clinical care, completion of all deliverables, and student conference attendance will all be included in the student's assessment. All deliverables should be submitted to the Clerkship Director prior to the final evaluation to facilitate discussion (**All notes, evaluation cards, and a copy of the student's presentation slides**).

### Sample Goals and Objectives:

At the end of the Sub-I, students should be able to:

- Demonstrate the ability to obtain a basic history and orthopaedic specific history
- Understand the relevant parts of a musculoskeletal physical examination (specifically knee and shoulder examinations)
- Understand physical exam findings for common orthopaedic diagnoses such as an ACL tear, meniscus tear, ankle sprain, rotator cuff tear, and carpal tunnel syndrome
- Understand how to interpret and order appropriate radiographic tests for common orthopaedic trauma injuries including pilon & tibial plateau fractures
- Understand the processes by which bone heals, either through primary or secondary bone healing, and in what environment each occurs
- Understand various treatment modalities used in orthopaedics including casts, plates, nails, arthroplasty, or external fixation for fractures

### Op Log Requirements:

Case logs should be up to date and current. They should be evaluated weekly by the senior resident on service or by orthopaedic faculty. Required minimum cases for rotation:

- **20 surgical procedures** (as a surgical assist) including at least one of each of the following:
  - External fixation application
  - Treatment of femur or tibia with an intramedullary device
  - Hemiarthroplasty/Total Hip Arthroplasty/Knee Arthroplasty for the treatment of osteoporotic fracture/osteoarthritis
  - Open reduction internal fixation (ORIF) of a peri-articular fracture
  - Irrigation and debridement of open wound or infection
  - Elective orthopaedic surgery
- **10 inpatient consultations** including at least one of each of the following:
  - Distal radius fracture/forearm fracture reduction and splinting
  - Ankle fracture reduction and splinting
  - Joint aspiration/injection
  - Osteoporotic fracture

- **Perform the following examinations** on patients in the outpatient setting:
  - Shoulder examination
  - Knee examination
  - Comprehensive neurologic examination (sensation, motor, gait, etc.)
  - Post-operative incisional assessment

### Evaluations:

Mid-Rotation Feedback and End of Rotation Feedback will be conducted with the student and the Clerkship Director at the end of the 2<sup>nd</sup> week and the final day of the rotation. In the event the student or the Clerkship Director are not available to discuss performance, a mutually agreed upon date will be chosen. Sub-I's will receive feedback on multiple topics including but not limited to their professionalism on rotation, their understanding of basic orthopaedic principles, their ability to work in a team-based environments, and their progress with maintaining appropriate records and achieving the Sub-I objectives.

## General Schedule

The rotation begins at 6:30 a.m. on the Monday of the first week of the rotation and is completed at the end of the day on the last Friday of the rotation.

**Daily: 0630** Daily Morning Conference, ASC Room at UMC, **0700** Weekends

**Wednesday: 0700 - 1200** Weekly Academic Conference, location varies, MEB

- If the conference is held at William Beaumont, the student shall either assist in the OR or assist with consultations alongside the APP's.
- **Sub-I Didactics** will be for 1 hour on Wednesdays at a time determined by the faculty leading the talk. Sub-I's are to bring their Op Log to assist with case discussions.

**Thursday: 0630 - 0830** Thursday Morning Case Conference, AEC 201A or William Beaumont

**PLEASE CHECK THE ORTHOPAEDIC MONTHLY CALENDAR. CONTACT CLERKSHIP DIRECTOR OR CHIEF RESIDENT FOR THE EXACT TIME AND LOCATION OF SPECIFIC CONFERENCES.**

## Sample Sub-I Schedule:

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	<p><b>Rotation Begins</b></p> <p>Morning Report: 0630 ASC Room</p> <p><b>Meet with Clerkship Director</b></p> <p>OR at UMC</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p><b>Outpatient Clinic</b></p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>Didactics</p> <p>Assist with consults</p> <p>Sign Off: 1800</p> <p><b>Sub-I Didactics</b></p>	<p>Team Rounds: 0530</p> <p>Case Conference: 0630</p> <p>Morning Report: 0700 ASC Room</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at UMC</p> <p><b>Overnight Shift</b></p>	<p>Morning Report: 0700 ASC Room</p>
<p><b>Off</b></p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at EPCH</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>Assist with consults</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>Didactics</p> <p>OR at UMC</p> <p>Sign Off: 1800</p> <p><b>Sub-I Didactics</b></p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p><b>Outpatient Clinic</b></p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at UMC</p> <p>Sign Off: 1800</p> <p><b>Mid-Rotation Eval</b></p>	<p><b>Off</b></p>
<p><b>Off</b></p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>Assist with consults</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at UMC</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>Didactics</p> <p>OR at UMC</p> <p>Sign Off: 1800</p> <p><b>Sub-I Didactics</b></p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at EPCH</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p><b>Outpatient Clinic</b></p> <p>Sign Off: 1800</p>	<p><b>Overnight Shift</b></p>
<p>Morning Report: 0700 ASC Room</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at UMC</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p><b>Outpatient Clinic</b></p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>Didactics</p> <p>OR at UMC</p> <p>Sign Off: 1800</p> <p><b>Sub-I Didactics</b></p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p><b>Sub-I Presentation</b></p> <p>OR at UMC</p> <p>Sign Off: 1800</p>	<p>Team Rounds: 0530</p> <p>Morning Report: 0630 ASC Room</p> <p>OR at EPCH</p> <p><b>Meet with Clerkship Director</b></p> <p><b>Rotation Ends</b> Sign Off: 1800</p>	<p><b>Off</b></p>

## Course Evaluations:



**Student:** Student Name

**Assessment:** Final Clerkship Assessment

**Rotation:** Scheduler 15 Rotation Name

**Event:** Scheduler 15 Event Name

### Knowledge for Practice

Grade		
Needs Improvement	Pass	Honors
Please Justify the grade in this competency		

### Patient Care and Procedural Skills

Grade		
Needs Improvement	Pass	Honors
Please Justify the grade in this competency		

### Interpersonal and Communication Skills

Grade		
Needs Improvement	Pass	Honors



Please Justify the grade in this competency

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### Practice-Based Learning and Improvement

Grade

Needs Improvement

Pass

Honors

Please Justify the grade in this competency

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### Systems-Based Practice

Grade

Needs Improvement

Pass

Honors

Please Justify the grade in this competency

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### Professionalism

Grade

Needs Improvement

Pass

Honors

Please Justify the grade in this competency

### Interprofessional Collaboration

Grade

Needs Improvement

Pass

Honors

Please Justify the grade in this competency

### Personal and Professional Development

Grade

Needs Improvement

Pass

Honors

Please Justify the grade in this competency

### Statement for MSPE

This is a narrative that describes the student's strengths during rotation and any persistent weaknesses that the student did not improve after feedback. You must include a narrative on the student's professionalism. Any feedback that you do not want to include in the MSPE should be included below in the "Comments" field. As a reminder, please use complete sentences and check your grammar, etc. as these comments go out to residency directors across the country.

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Comments (Please write about strengths, weaknesses and areas for improvement)

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Please select a provisional Overall Grade

<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Honors	<input type="checkbox"/> Incomplete
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**Evaluation Card:**

EVALUATION FOR STUDENT: _____					
DATE: _____					
<b>OBSERVED SETTING(S):</b>	OR	CONSULTS	CLINIC	DAILY ROUNDS	OTHER
<b>EVALUATION SCALE RATING:</b>					
	1 - BELOW MS4	2 - AVERAGE MS4	3 - ABOVE MS4		
1. KNOWLEDGE	1	2	3		
2. TECHNICAL SKILLS	1	2	3		
3. WRITTEN COMMUNICATION	1	2	3		
4. VERBAL COMMUNICATION	1	2	3		
5. TEAMWORK	1	2	3		
6. OTHER: _____	1	2	3		
7. PROFESSIONALISM		Serious Concern	Slight Concern	No Concern	

COMMENTS (REQUIRED):		
WAS VERBAL FEEDBACK GIVEN TO STUDENT?	YES	NO
	<input type="checkbox"/>	<input type="checkbox"/>
EVALUATOR NAME		
PRINT: _____	SIGN: _____	

**Overall Grading Scale:**

- Honors:
  - o Exceeds expectations in the presentation, understanding, knowledge, and level of thought expressed by the student.
- Pass:
  - o Meets expectations in the presentation, understanding, knowledge, and level of thought expressed by the student.
- Needs Improvement:
  - o Fails to meet expectations in the presentation, understanding, knowledge, and/or level of thought expressed by the student.

## Summary of Sub-I Requirements:

- **First Day:**
  - Notify Clerkship Director or Senior Resident of planned absences
  - Collect Evaluation Cards
  - Decide on Call Days and Clinic Days (by Thursday of that week)
  
- **Weekly:**
  - Keep Op Log up to date
  - Attend lectures
  - Go to OR, see consults, and attend clinic
  
- **Last Week:**
  - Give 10-15 minute presentation
  - Submit Evaluation Cards, Required Notes, and Op Log for review

## Resources:

- Essential Orthopaedics, 2<sup>nd</sup> Edition (Free through TTUHSC)  
<https://el Paso-ttuhsc.libguides.com/c.php?g=941015&p=7117985>
- Orthobullets.com (Free Online Resource)
- Netter's Concise Orthopaedic Anatomy, 2<sup>nd</sup> Edition
- Handbook of Fractures, 6<sup>th</sup> Edition