

OST 687

# Peru Medical Service

## CLERKSHIP ELECTIVE ROTATION SYLLABUS

INSTITUTE FOR GLOBAL HEALTH

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*At Michigan State University College of Osteopathic Medicine (MSUCOM), we are constantly working to improve our curriculum and to meet accreditation guidelines. We need to meet the challenges of modern medicine that force us to innovate. While changes will generally be instituted at the beginning of the school year, changes may also be implemented semester to semester.*

*Please be mindful of the need to read your syllabi before beginning your rotation.*

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## **INTRODUCTION AND OVERVIEW**

The Peru Medical Service Elective is six (6) credits, two-week elective course that provides students with opportunity to grow personally and professionally. Students are immersed in the Peruvian culture and provide healthcare services under the supervision of licensed U.S. physicians working in tandem with local providers.

### **ELECTIVE COURSE SCHEDULING**

#### Preapproval

- This course does not require preapproval from the IOR. The student should follow the below directions for elective course confirmation and enrollment.

#### Required Prerequisites

- This course does not require any prerequisite courses.
- An application is required for every elective rotation.
- Membership in the MSUCOM Student Organization – International Osteopathic Medical Organization (IOMO)

#### Recommended

- Membership in the MSUCOM Student Organization – International Osteopathic Medical Organization (IOMO)

#### Course Confirmation and Enrollment

- The student must be an active student at MSUCOM.
- Student must complete five core rotations prior to any elective rotation.
- The student must receive MSUCOM confirmation and enrollment prior to beginning any elective rotation.
  - Once the student receives rotation acceptance from the host site, students must provide the elective application and host site approval to [IGH@msu.edu](mailto:IGH@msu.edu) for application review and to share with [COM.clerkship@msu.edu](mailto:COM.clerkship@msu.edu) for MSUCOM confirmation and scheduling as well as approval from Office of International Health and Safety [globalsafety@msu.edu](mailto:globalsafety@msu.edu) for approval of the destination.
- It is the student's responsibility to ensure enrollment prior to beginning any course/rotation.
  - Enrollment will be processed by the MSUCOM Registrar's Office upon clerkship confirmation.
  - Enrollment can be verified by the student by reviewing the Student Information System
- MSUCOM confirmation must occur at least 30 days in advance of the rotation.
- Once confirmed, the rotation may only be cancelled 30 days or more in advance of the start date.

## ROTATION FORMAT

OST 687 Peru Service Learning is designed to enhance the student's understanding of Peru's healthcare system, to provide students with opportunities for improving their personal/professional skills and to experience operating in a different cultural context.

## **GOALS AND OBJECTIVES**

### GOALS

1. Develop an understanding of cultural competency with respect to the country they will be performing their clerkship in.
2. Develop language skills through a language immersion experience.
3. Improve clinical skills and diagnostic acumen.
4. Develop lifelong learning skills.

### OBJECTIVES

1. Assimilate and demonstrate understanding of patient care through ongoing interaction and dialogue with the preceptor.
2. Compare and contrast the U.S. healthcare system to the healthcare system of the country the student is performing their clerkship in
3. Become familiar with Peru's healthcare delivery system.
4. Study diseases that are commonly found in Peru/South America
5. Refine patient care interactions and communication skills.
6. Engage in patient health education.

### COMPETENCIES

1. Patient Care
  - a. Assess and manage the patient's general medical status.
  - b. Empathy
2. Interpersonal and Communication Skills
  - a. Communicate effectively in a multi-disciplinary setting.
  - b. Creatively work ways of communicating with the patient when language barriers are present.
  - c. Demonstrate accurate record keeping.
3. Medical Knowledge
  - a. Demonstrate an understanding of the psychosocial and healthcare needs for patients in all life stage.
4. Professionalism
  - a. Practice with professionalism, compassion, and concern in a legal, ethical, and moral fashion.
5. Practice Based Learning
  - a. Demonstrate an understanding of public health concepts, health promotion, and disease prevention
  - b. Be always curious with the expectation to continue learning.

## COLLEGE PROGRAM OBJECTIVES

In addition to the above course-specific goals and learning objectives, this clerkship rotation also facilitates student progress in attaining the College Program Objectives. Please refer to the complete list provided on the MSUCOM website (<https://com.msu.edu/>) and in the Student Handbook.

## REFERENCES

### REQUIRED STUDY RESOURCES

Desire 2 Learn (D2L): Please find online content for this course in D2L (<https://d2l.msu.edu/>). Once logged in with your MSU Net ID, your course will appear on the D2L landing page. If you do not see your course on the landing page, search for the course with the following criteria, and pin it to your homepage: **OST 687- Peru Medical Service**

If you encounter any issues accessing this D2L course, please email the CA (on the title page of this syllabus). It is your responsibility to make sure you have access to the course D2L page on the first day of the course.

### SUGGESTED STUDY RESOURCES

#### Recommended Texts

- Beeching, N., & Gill, G. (2014). Lecture notes tropical medicine, 7th edition. John Wiley & Sons.
- Hemming, J. (2012). *The conquest of the Incas*. Mariner Books/Houghton Mifflin Harcourt.

#### Recommended Websites

- Wikimedia Foundation. (2024, July 19). Iquitos. Wikipedia. <https://es.wikipedia.org/wiki/Iquitos>

## ROTATION REQUIREMENTS

REQUIREMENT	SUBMISSION METHOD	DUE DATE Please refer to D2L for actual (month/day) due dates
Completion of pre-trip survey (optional)	Survey link	Within 48-72 hours of departure
Student must participate in all scheduled activities and shifts	Attendance	As assigned

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REQUIREMENT	SUBMISSION METHOD	DUE DATE Please refer to D2L for actual (month/day) due dates
Students are required to keep a daily journal, by choosing from the list of prompts. Each prompt to be use only once.	Email to <a href="mailto:igh@msu.edu">igh@msu.edu</a>	Submit on daily basis is recommended or max. One week after official end date of rotation
Reflection essay, two pages based on topic assigned at onset of travel.	Email to <a href="mailto:igh@msu.edu">igh@msu.edu</a>	Submit one week after official end date of rotation
Completion of post-trip survey (optional, highly encouraged)	Survey link	Within 48-72 hours of course end date
Attending Evaluation of Clerkship Student	Students must select their attending physician as directed within the rotation description in Medtrics. At the start of the last week of the rotation, students will need to request an evaluation in Medtrics. By requesting an attending evaluation from their assigned attending physician, the attending physician will receive an automated email link connecting them to their assigned Attending Evaluation within Medtrics. Attendings will be able to electronically access and submit the forms on behalf of their students.	Last Day of Rotation
Student Evaluation of Clerkship Rotation	Students will submit their rotation evaluations electronically at the conclusion of every rotation by accessing the Medtrics system: <a href="https://msucom.medtricslab.com/users/login/">https://msucom.medtricslab.com/users/login/</a> . By the last week of each rotation, students will receive an automated email link connecting them to their assigned evaluation. Students can also access pending evaluations on the 'Home' or 'Evaluations' tabs within their Medtrics accounts.	Last Day of Rotation

WEEKLY READINGS/OBJECTIVES/ASSIGNMENTS

There will be daily group debriefs with group topics assigned daily during the trip. Your participation, professionalism, scores on journal assignments will determine your grade in the course.

Topics discussed daily are designated by the instructor and in relation of the field work done during the day as well as the specialty the student is focusing the clerkship.

## STUDENT ACTIVITY LOGS

There will be daily reflection essays/journaling assessments with daily prompts. Students are required to keep a daily journal, recording their experiences (½- one page per day). The journal entry should focus on one of the prompting questions below, the author's choice, in no order days 1-12 of the trip. Each prompt should be used only once. Separately, a final essay is to be completed at the trip end, reflecting on the trip and the author's experience.

Prompting questions:

1. Consider a situation when you really were not sure what the right thing to do for someone was...medical, social, or emotional. How did you proceed?
2. Reflect on an encounter today where you really felt like you and the team had a positive impact. What made it so positive?
3. What factors do you think in this community contribute to disease burden? How could these be improved over time? What suggestions do you have to make this sustainable?
4. What have you learned about communicable and non-communicable diseases in Peru?
5. Discuss health disparity and how social determinants of health impacted the patients you saw today.
6. Interview a preceptor or faculty member. Why do they choose to use their vacation for global outreach, including the positive impact and inherent struggles it creates.
7. What is your interpretation of diversity and inclusion in this country?
8. Describe the most interesting case you saw today. Discuss why it was so interesting, including the presentation, and treatment options.
9. Discuss the mental health concerns and stress you observed in the children while in pediatrics. How does this compare to what you see in children in USA? How was it addressed?
10. Discuss what you learned about sanitation, potable water, and the struggles you witnessed for those without access.
11. Interview a local, Peruvian translator or volunteer, learning what life is like for them, their families, their goals, and other topics of interest to you.
12. Did the Peruvian people have questions about Osteopathic medicine, including OMM? How did you address this?
13. Describe what you learned about Peruvian herbal, culinary, and local alternative treatment options for care of patients in low resource areas, including reason for its use, how it was used, and the history of this product or technique.
14. Contemplate the living conditions of your patients today. What word describes it? Discuss if you would use the same words to describe a similar living condition in the USA.
15. Explore one patient's life situation and how healthcare (or lack thereof) affects that individual, expanding on the patient's perspective including their social history, daily lifestyle, and the impact their condition has on them and their family. What would be different for this same condition in USA?
16. What did you learn about medicine in Peru, about the medical system and how the people view healthcare here?



17. Compare the healthcare system as you experienced it, in the rural vs. urban environments.

## ROTATION EVALUATIONS

### Attending Evaluation of Student

Attending Evaluation of the Student is completed electronically via Medtrics by the supervisor designated within the Medtrics rotation description. To initiate this evaluation, each student must select their attending physician as directed within the rotation description in Medtrics. Students will receive an email from Medtrics to select the attending 7 days prior to the end of the rotation. Should your rotation lack a rotation description or if you have any questions, please contact com.msu.edu. Upon selecting the attending physician directed within the Medtrics rotation description, the attending physician will receive an automated email link connecting them to their assigned Attending Evaluation within Medtrics.

Attendings will be able to electronically access and submit the Attending Evaluation of the Student. Attendings will access the electronic form within Medtrics by selecting the email link on a smart device. No login (username/password) will be required for attendings to access their pending evaluation(s) assigned to them. After the electronic form has been submitted by their attending, students can review the Attending Evaluation of the Student that were completed by visiting the 'Evaluations' module (in the 'About Me' tab) of their Medtrics profiles.

Students are encouraged to seek formative/verbal feedback on their performance at least weekly. Students are also encouraged to discuss the Attending Evaluation of the Student with the supervisor completing the evaluation.

Any evidence of tampering or modification while in the possession of the student will be considered "unprofessional behavior" and will be referred to the Committee on Student Evaluation (COSE).

Grades are held until all rotation requirements are received. Students are required to ensure their rotation requirements are completed correctly.

### Student Evaluation of Clerkship Rotation

Students will submit their rotation evaluations electronically at the conclusion of every rotation by accessing the Medtrics system: <https://msucom.medtricslab.com/users/login/>. By the last week of each rotation, students will receive an automated email link connecting them to their assigned evaluation for the respective rotation. Students can also access their pending evaluations on the 'Home' or 'Evaluations' tabs within their Medtrics accounts.

### Unsatisfactory Clinical Performance

The Instructor of Record will review/investigate a student's performance on a rotation when a concern is raised by the supervisor(s), and/or when the Attending Evaluation of Clerkship Student contains any below expectation marks within the professionalism area, any unsatisfactory written comments, or a total of two or more below average marks on

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the evaluation. After investigations, the Instructor of Record will determine a final grade for the student.

Professionalism concerns, as well as accolades, will also be referred to the MSUCOM Spartan Committee Clearinghouse for resolution, per MSUCOM's Common Ground Framework for Professional Conduct.

### CORRECTIVE ACTION

There is no corrective action available for this course.

As determined by the IOR, the student will receive an N grade for the course if all assignments are **not completed** successfully within 14 days of the last day of rotation at 11:59pm (except for the Attending Evaluation). Additionally, a letter of unprofessional behavior for late submission of assignments will be sent to the MSUCOM Spartan Community Clearinghouse.

### BASE HOSPITAL REQUIREMENTS

Students are responsible for completing all additional requirements set by the hospital/clinical site at which they are completing a rotation. Students are not responsible for reporting to MSUCOM the results of any requirements that exist outside of those listed above.

## **STUDENT RESPONSIBILITIES AND EXPECTATIONS**

During the two or four weeks of the rotation, the student is required to meet clinical and academic responsibilities and participate in all scheduled activities.

- *The student **will** meet the following **clinical responsibilities** during this rotation:*
  - Students are expected to function collaboratively on health care teams that include health professionals from other disciplines in the provision of quality, patient-centered care.
  
- *The student **will** meet the following **academic responsibilities** during this rotation:*
  - Students are expected to identify, access, interpret and apply medical evidence contained in the scientific literature related to patients' health problems.
  - Students are expected to: assess their personal learning needs specific to this clinical rotation, engage in deliberate, independent learning activities to address their gaps in knowledge, skills, or attitudes; and solicit feedback and use it on a daily basis to continuously improve their clinical practice.

## **MSU COLLEGE OF OSTEOPATHIC MEDICINE STANDARD POLICIES**

The following are standard MSUCOM policies across all Clerkship rotations.

### CLERKSHIP ATTENDANCE POLICY

MSUCOM requires student participation in clerkship rotations and clinical activities with consistent attendance to acquire the skills and knowledge necessary for successful program

completion. This policy will define the policy and procedures regarding absences for clerkship activities. [Clerkship-Absence-Policy.pdf \(msu.edu\)](#)

### POLICY FOR MEDICAL STUDENT SUPERVISION

The MSUCOM curriculum includes required clinical experiences in a variety of clinical learning environments. The Medical Student Supervision Policy outlines all supervision agreements and expectations. [Clerkship Medical Student Supervision Policy.pdf](#)

### MSUCOM STUDENT HANDBOOK

The Student Handbook is published electronically by MSUCOM for students in the Doctor of Osteopathic Medicine program. This handbook does not supersede other Michigan State University or College of Osteopathic Medicine policies, regulations, agreements, or guidelines. <https://osteopathicmedicine.msu.edu/current-students/student-handbook>.

### COMMON GROUND FRAMEWORK FOR PROFESSIONAL CONDUCT

The Common Ground Framework provides the MSUCOM community with a reminder of the unity of mind, body, and spirit that underlines the field of osteopathic medicine. The framework is a set of guiding, foundational principles that underpin professional conduct and integrity and applies to all professionals at work within the shared college community, independent of their specific roles or responsibilities.

<https://osteopathicmedicine.msu.edu/about-us/common-ground-professionalism-initiative>

### MEDICAL STUDENT RIGHTS AND RESPONSIBILITIES

The rights and responsibilities of students enrolled in MSUCOM are defined by the medical colleges of Michigan State University, including the College of Osteopathic Medicine, the College of Human Medicine, and the College of Veterinary Medicine. Students enrolled in the professional curricula of these colleges are identified as “medical students.” These colleges collectively define “Medical Student Rights and Responsibilities” (MSRR). This document addresses academic rights and responsibilities, governance, procedures for complaints, due process, and other topics. The current version is available on the MSU Spartan Life website at the address below: <http://splife.studentlife.msu.edu/medical-student-rights-and-responsibilities-mssr>

### MSU EMAIL

MSU email is the official communication from faculty and staff to students and students are responsible for checking it daily and maintaining their MSU email accounts so that messages can be received.

Forwarding MSU email to another email account or failure to check email are not valid excuses for missing a deadline or other requirements of the DO program.

Further, students must use secure email when working in a hospital, clinic, or other health care setting if discussion of patient information is involved. MSUNet (msu.edu) email is secure; many web-based email systems including Hotmail, Gmail, and Yahoo are not. <https://osteopathicmedicine.msu.edu/current-students/student-handbook>.

## DUTY HOURS AND FATIGUE MITIGATION

The accreditation standards for graduate medical education programs include restrictions on the duty hours of residents. Additionally, institutions are expected to promote a clinical learning environment in which duty hours are monitored and strategies exist to mitigate the effects of fatigue. [Clerkship Duty Hours and Fatigue Mitigation Policy.pdf](#)

## STUDENT EXPOSURE PROCEDURE

A protocol has been developed by the University Physician to report incidents of exposure, e.g., needle sticks, mucous membrane exposure, tuberculosis exposure, etc., and it may be found here:

<https://osteopathicmedicine.msu.edu/current-students/clerkship-medical-education/injury-and-property-damage-reports>

Contact Associate Dean for Clerkship Education, Dr. Susan Enright ([enright4@msu.edu](mailto:enright4@msu.edu)), if exposure incident occurs.

## COURSE GRADES

**P/Pass** – means that credit is granted, and that the student achieved a level of performance judged to be satisfactory by the department according to the student's didactic and clinical performance.

**NGR/No Grade Reported** – means that a final grade ('Pass' or 'No Grade') cannot be determined due to one or more missing course requirements. The NGR grade will be changed to a final grade once all the completed course requirements have been submitted to and processed by MSUCOM (either to the department or Clerkship Team). An 'NGR' grade will NOT remain on a student's transcript.

**N/No Grade** – means that no credit is granted, and that the student did not achieve a level of performance judged to be satisfactory by the department according to the student's didactic and clinical performance.

### N Grade Policy

Students who fail this rotation will have to repeat the entire rotation and fulfill all (clinical and academic) requirements.

## STUDENT ACCOMMODATION LETTERS

Michigan State University is committed to providing equal opportunity for participation in all programs, services, and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities (RCPD) at 517-884-RCPD, or on the web at [www.rcpd.msu.edu](http://www.rcpd.msu.edu). Once a student's eligibility for (clinical and/or testing) accommodation(s) are determined, the student may be issued an Accommodation Letter. Students must present their letter to the Clerkship Team ([COM.Clerkship@msu.edu](mailto:COM.Clerkship@msu.edu)) at the start of the semester in which they intend to use

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their accommodations (for tests, projects, labs, etc.). Accommodation requests received after the semester onset will be honored whenever possible.

If modifications, updates, or extensions to an existing letter are made after the semester begins, it is the responsibility of the student to submit the newest version to the Clerkship Team if he/she intends to utilize the accommodation going forward.

## SUMMARY OF GRADING REQUIREMENTS

Requirement	Submission Method	Pass	No Grade Reported	No Pass
Daily journal assignments/summative reflection essay	E-mailed to <a href="mailto:igh@msu.edu">igh@msu.edu</a>	Completed 100% and emailed by 11:59 pm the last day of the course	Will stand as the conditional grade until all requirements of this rotation are met	Failure to complete and upload within two weeks after the rotation ends
Pre-trip and post-trip surveys	Link emailed within 72 hours of departure/return	Not mandatory for grade	Not mandatory for grade	Not mandatory for grade
Daily Journal with prompts	E-mailed to <a href="mailto:igh@msu.edu">igh@msu.edu</a>	Completed daily; or turned in within one week after the official end date of course.	Will stand as the conditional grade until all requirements of this rotation are met	Failure to complete and upload within two weeks after the rotation ends
Reflection Essay	E-mailed to <a href="mailto:igh@msu.edu">igh@msu.edu</a>	Completed and turned in within one week after the official end date of course.	Will stand as the conditional grade until all requirements of this rotation are met	Failure to complete and upload within two weeks after the rotation ends
Attending Evaluation of Clerkship Student	Attendings receive an automated email link connecting them to their assigned evaluation(s) within Medtrics, where they may access and submit the electronic form(s) directly	<ul style="list-style-type: none"> <li>• Student may receive "Below Expectations" in up to one (1) subcategory.</li> <li>• Overall categories must receive "Meets Expectations" or "Exceeds Expectations"</li> </ul>	Will be the conditional grade until all requirements of this rotation are met	<ul style="list-style-type: none"> <li>• Receives two (2) or more "Below Expectations" within the subcategory sections.</li> <li>• Receives comments that indicate below expectations of performance.</li> <li>• See Unsatisfactory Clinical Performance above</li> </ul>
Student Evaluation of Clerkship Rotation	Can be accessed and submitted electronically by students within the dashboard of their Medtrics profiles	Completed 100% by 11:59 pm the last day of the rotation	Will be the conditional grade until all requirements of this rotation are met.	Failure to complete and submit within 14 days from the end of the rotation