

**OST 687 – Global Health: Peru - Clinical Immersion**

Summer Semester 2024

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**Notice to Students:** Although Elective syllabi at MSUCOM have a consistent format; vitally important details differ by Elective. For this reason, you must read the syllabus thoroughly at the onset of each elective to understand what educational activities will be provided and what is expected of you.

## Section 1 – Course Information

### Elective Description

OST 687 Global Health: Peru – Clinical Immersion is a 3-credit hour, two-week elective course that provides students with an opportunity to grow personally and professionally, and to actively engage in patient-based, learning experiences under the supervision of licensed U.S. physicians working in tandem with local providers. Course participants include those students interested in the Spanish language, Peruvian culture, and health care.

The overall performance of course participants will be evaluated through customary assessment instruments normally employed by the department for core rotations, at the discretion of the instructor of record.

### Course Goals

1. The Elective 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.
2. Course participants will:
  - a. Develop cultural competency
  - b. Become familiar with Peru's healthcare delivery system
  - c. Study diseases that are commonly found in Peru/South America
  - d. Develop an understanding of the regional disease etiology and how to control the endemic diseases, in particular, the infectious/tropical diseases associated with the lack of potable water and sanitation.
  - e. Improve clinical skills
  - f. Improve Spanish skills

### Course Director

*(Note - Preferred method of contact is shown in italics)*

Name: Jodi Flanders, D.O.

Phone: 989.277.4241

Email: [flande23@msu.edu](mailto:flande23@msu.edu) (preferred method)

Address: 909 Wilson Rd., Room B320 West Fee Hall, East Lansing, MI 48824

### Staff or Student Coordinator

Name: Sabrina Vieyra Hollenbeck, B.A.

Phone: 517.353.8992

Email: [iqh@msu.edu](mailto:iqh@msu.edu) (preferred method)

Address: 909 Wilson Rd., Room B301 West Fee Hall, East Lansing, MI 48823

## Instructors

Name	Email	Phone	Site
Kenny Briceno, M.D.	<a href="mailto:briceode@msu.edu">briceode@msu.edu</a>	+51 980 702 675	Peru
Travis Gordon, D.O.	<a href="mailto:gordont7@msu.edu">gordont7@msu.edu</a>	517.242.0380	MEXICO
Jodi Flanders, D.O.	<a href="mailto:Flande23@msu.edu">Flande23@msu.edu</a>	989.277.4241	U.S.A

## Lines of Communication

- For administrative aspects of the Course: contact the course director.
- For content questions relating to a specific lecture or topic: contact the faculty presenter for that specific portion of the course or your on-site instructor.
- For absences/missed exams (see excused absence information below)

## Office Hours

Questions concerning the course may be discussed individually by making an appointment with the Student Coordinator, Ms. Sabrina Vieyra Hollenbeck by phone at *517.884.3788* or via e-mail: [igh@msu.edu](mailto:igh@msu.edu). The student coordinator is generally available Monday-Friday between 8:00am-5:00pm, and by appointment.

## Textbooks and Reference Materials

### Required

- There is no assigned textbook or required reading. Reading assignments are under the purview of the preceptor.

### Recommended

- Materials will be distributed after students are selected.

### Optional

- 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.

## Elective Schedule

This elective is presented for 13 consecutive days. General scheduling for the educational activities of this elective course will include a medical immersion experience, a didactic session, a group debrief and journaling each day. The schedule is subject to change based on local faculty and coordinators discretion. A typical schedule is as follows:

Day/Date	Times (if applicable)	Required Activities	Specific Information
Day 1 (Thursday)		Arrival to Lima hotel, check-in	
		On-site orientation	
Day 2		Lima Pediatric Hospital Presentation	Instituto Nacional del Niño de San Borja
Day 3		Lima Teaching Hospitals & Presentation	
Day 4		Bus to airport, flight to Iquitos	
		Didactics and Introduction to Physical Exam	
Day 5-8		Clinic	Parroquia San Martin de Porras Clinical Center
Day 9		Clinic ½ day	Parroquia San Martin de Porras Clinical Center
		Clinic on Amazon River via boat	
		Arrive to Amazonas lodging accommodations	Ceiba Tops
Day 10-11		Clinic on Amazon River	
Day 12		Community Service in Amazon Village	
Day 13		Boat and Bus to Iquitos/airport	
		Flight to Lima	
		Overnight in Lima	
Day 14		Depart for U.S. from Lima	

### Required Exams/Assessments

There will be daily reflection essays/journaling assessments in OST 687 Global Health: Peru – Clinical Immersion this semester. Your participation, professionalism, scores on journal assignments and completion of pre-trip and post-trip surveys (will be shared within 48-72 hours before departure and after return) will determine your grade in the course. Students are evaluated in 4 areas:

Required (if applicable)	Projected Points	Material to be Covered
Attendance at pre-travel orientation and debriefs	2 each = 6 total	Expectations, introductory information and debriefing

<b>Attendance at all required hospital, clinic, didactic and service sessions</b>	<b>2 each = 22 total</b>	<b>Attendance and active participation/engagement</b>
<b>Daily journal assignments 1-12</b>	<b>2 each = 22 total</b>	<b>Journal entries submitted daily</b>
<b>Summative reflection essay</b>	<b>6 total</b>	<b>Essay to cover student experience and perspective, <u>due one week after return</u></b>
<b>Instructors' evaluation: The students will be assigned a physician proctor, generally rotating each half-day</b>	<b>4 each = 44 total</b>	<b>Based on the student's clinical acumen and skills</b>
<b>Pre-trip and post-trip surveys</b>	<b>Optional</b>	<b>Will be shared within 48-72 hours before departure and after return</b>

### **Daily journal assignments**

There will be daily reflection essays/journaling assessments with daily prompts. Students are required to keep a daily journal, recording their experiences (approximately 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 weren't 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?

## Required Proctoring Arrangements

The students will be assigned a physician proctor, generally rotating each half-day.

## Elective Grades

A student's course grade is determined by the following formula:

$$\frac{(\text{attendance (pre and debriefs)} + \text{clinic attendance} + \text{journal/essay} + \text{instructors' evaluations})}{(\text{total points possible})} \times 100\% = \text{Final Percent Score}$$

- **P-Pass**—means that credit is granted and that the student achieved a level of performance judged to be satisfactory by the instructor. To obtain a “P” grade for this course, a student must obtain a total of 75 points.
- **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 instructor. A student who accumulates less than 75 points will receive an “N” grade.
- **Remediation** - Since elective courses in the MSUCOM preclerkship curriculum are optional, students are not required to remediate the elective if an “N” grade is received, and no remediation option is available.

## **Student Evaluation of the Course**

We want your feedback on how to improve this course.

- Informal Feedback: Feel free to approach the Course Director, Gary Willyerd, or any of the other course faculty with your reactions and suggestions. Or write out your comments and email them to the Course Coordinator or Faculty. From time to time, we may also convene focus groups of students, as an additional way to elicit your opinions and suggestions.

## **Section 2 – Policies**

Please refer to the <https://com.msu.edu/current-students/student-handbook-course-catalog> for these and other policies.

### **Academic Honesty and Professionalism**

Every student is responsible for their behavior and is expected to adhere to all MSU and MSUCOM policies of academic honesty and professionalism, as outlined in the MSUCOM Student Handbook and the MSU Medical Student Rights and Responsibilities. These documents may be found on the MSUCOM website. Additional guidance on academic integrity may be found on the MSU Ombudsperson’s website at <https://ombud.msu.edu/resources-self-help/academic-integrity>.

Incidents of academic dishonesty or professional misconduct will be addressed by the faculty, administration, or staff; such action may include, but is not limited to: giving a failing grade, referring a student for judicial review, directing the student to the Associate Dean of Medical Education, evaluation by the Committee on Student Evaluation, and other actions outlined in the Medical Student Rights and Responsibilities document.

### **Types of Class Sessions**

MSUCOM designates lectures and other class sessions by their delivery method. While additional terms may be used in a specific course, the following will provide general guidance to the type of session:

- Live or livestream lecture: broadcast at a designated time; intended to be viewed synchronously
- Online Lecture: recorded content, may be viewed asynchronously
- Webinar: more interactive session where student participation is expected
- Lab: may refer to on-site clinical skills training or online lab session; see details

### **Changes to Course Schedule or Requirements**

Due to external circumstances, the course requirements published in the course syllabus and/or course schedule may be subject to change. Timely notification Communication regarding changes will be provided to enrolled students via the course D2L site and/or email. Any changes made will consider the MSU Code of Teaching Responsibility and the MSU Medical Students Rights and Responsibilities.

### **Mandatory and Optional Class Sessions**

All lectures and other class sessions are considered to be integral to the course, and students are expected to attend, view, or participate in each session. Some sessions are designated as “mandatory” in that attendance at the session on the scheduled date and time is required. Depending on the course,

a student may earn points for attending or participating in a mandatory session or may lose points for failing to attend or participate. Availability of make-up points for missed sessions is at the discretion of the course director. Optional class sessions are offered by faculty to assist students in learning or reviewing course content.

### **Absences from Mandatory and Examinations/Assessments**

It is the responsibility of the student to know which class sessions are deemed as mandatory and comply with the MSUCOM policy regarding absences from mandatory sessions and examinations. This policy may be found in the MSUCOM Student Handbook on the MSUCOM website. Requests for an excused absence must be arranged with the course faculty.

### **Computer-Based Testing**

It is the responsibility of each student to know and comply with the MSUCOM policy on computer-based testing. This policy may be found in the MSUCOM Student Handbook on the MSUCOM website.

Administration of quizzes, examinations, and other assessments may be self-proctored, virtual proctored, or classroom proctored. Regardless of the proctoring method, you are expected to take the exam in a quiet, private setting. Just like in a proctored exam, you are not to access notes, textbooks, references, your phone, or other materials, and you are not to interact with fellow students or others. Remember that integrity is defined as what you do when no one is looking.

You are also expected to not record, photograph, take screen shots, make notes of, or otherwise attempt to make a copy of any exam item for any purpose, including your personal use. A student who is discovered to have cheated or breached exam security will be subject to formal disciplinary action, up to and including dismissal from MSUCOM.

If you have concerns or evidence of an exam security breach on this or any exam, you may report that to an MSUCOM administrator or through the online concern form.

### **Medical Student Rights and Responsibilities**

If problems arise between instructor and student, both should attempt to resolve them by informal, direct discussions. If the problems remain unsolved, the Associate Dean for Medical Education and/or the MSU Ombudsperson may be consulted. The MSU Medical Student Rights and Responsibilities (MSRR) document defines processes for additional steps, including submission of a formal grievance. The MSSR may be found in the MSUCOM Student Handbook and online at [splife.studentlife.msu.edu](http://splife.studentlife.msu.edu).

### **iClicker Reef/(iClicker Student) Policy**

It is your responsibility to know and comply with the iClicker Reef (iClicker Student) Policy. This policy may be found in the MSUCOM Student Handbook. If you forget your device or if it does not work, for whatever reason, no make-up experiences will be provided, and no points will be given.

If iClicker Reef/Iclicker Student is used to take attendance for an on-campus event, you will be expected to arrive to the physical location on time and to stay for the duration of the assigned activity. If iClicker Polling is used to take attendance for an online event, you will be expected to start the session at the scheduled time and participate for the duration of the assigned activity.

As a matter of professionalism, please note that under no circumstances should you provide access to your iClicker Reef/Student account to another student by sharing your device and/or account login, nor



should you accept another student's device or login credentials to access iClicker Polling on their behalf. Answering questions or checking in for attendance on behalf of another student by using their device or account is considered to be academic dishonesty and may result in disciplinary action up to and including dismissal from the college.

## **Remediation**

The MSUCOM Policy for Retention, Promotion and Graduation requires successful completion of each required course to progress in the curriculum. Remediation is not available for preclerkship electives.

## **Student Safety and Well-being**

The MSUCOM website and Student Handbook provide information on student safety, campus security, access to medical care and counseling services, and to policies on injuries and exposures. If you have an injury or acute illness on campus, an incident report should be completed. The form is available on the MSUCOM intranet or from Academic Programs.

## **Academic Support Resources at MSUCOM**

As a way to acclimate you to the curriculum at MSUCOM, we have created a program called On Target: <https://michiganstate.sharepoint.com/sites/OnTargetforAcademicSuccess>

On this site you will find semester roadmaps which gives a general overview of each semester, tools needed to be successful in the curriculum and targeted resources for your unique learning situation. In each semester's road map, you will also find course expectations, tips for success, potential trouble spots, longitudinal course integration, and specific course study guides.

## **Requests for Accommodations**

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 517-884-7273 or online at [rcpd.msu.edu](http://rcpd.msu.edu). Once eligibility for an accommodation has been determined, you may be issued a Verified Individualized Services and Accommodation (VISA) form. Each VISA includes an expiration date; to request an accommodation, you must have an active VISA. You may work with RCPD to renew a VISA.

During the preclerkship curriculum, the college will help to coordinate accommodations for additional testing time. Provide your VISA to Nancy Thoma, [thoman@msu.edu](mailto:thoman@msu.edu), A333 East Fee Hall at the start of the term and/or at least two weeks prior to the assessment event (test, project, labs, etc.). Requests for accommodations received with less notice will be honored whenever possible. You may choose whether or not you wish to use accommodations for a particular event. For other accommodations, you may also review your VISA with the course director and curriculum assistant assigned to that course.

## **Title IX Notifications**

Michigan State University is committed to fostering a culture of caring and respect that is free of relationship violence and sexual misconduct, and to ensuring that all affected individuals have access to services. For information on reporting options, confidential advocacy and support resources, university policies and procedures, or how to make a difference on campus, visit the Title IX website at [titleix.msu.edu](http://titleix.msu.edu).

Limits to confidentiality. Essays, journals, and other materials submitted for this class are generally considered confidential pursuant to the University's student record policies. However, you should be aware that University employees, including instructors, may not be able to maintain confidentiality when it conflicts with their responsibility to report certain issues to protect the health and safety of MSU community members and others. Instructors must report the following information to other University offices (including the Department of Police and Public Safety):

- Suspected child abuse/neglect, even if this maltreatment happened when you were a child;
- Allegations of sexual assault, relationship violence, stalking, or sexual harassment; and
- Credible threats of harm to oneself or to others.

These reports may trigger contact from a campus official who will want to talk with you about the incident that you have shared. In almost all cases, it will be your decision whether you wish to speak with that individual. If you would like to talk about these events in a more confidential setting, you are encouraged to make an appointment with the MSU Counseling and Psychiatric Services.

### **Addendum: Course Schedule**

The course schedule for the current semester will be posted to D2L. Changes to the course schedule will be noted on the class academic calendar and communicated to students via D2L and/or email. The schedule for the most recent offering of this course will be posted on the MSUCOM website under Current Students/Preclerkship Curriculum.