

## **OST 686– Global Health: Mexico– Clinical Immersion**

Spring 2025, 03/01/2025 –03/08/2025

Updated last: 10/30/2024- SVH

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## Faculty & Staff Information

### Course Director Biosketches

Contact Information	Biosketch
 <p><b>Jacob Rowan, D.O.</b>  <a href="mailto:rowanjac@msu.edu">rowanjac@msu.edu</a>            Primary Site: EL            Office Hours: Wed, 8am to 5pm.            Other days/times available by request.</p>	<p>Jacob J. Rowan, DO, is a physiatrist who practices with MSU Health Care Osteopathic Manipulative Medicine. Dr. Rowan received his medical degree and completed his residency from Michigan State University College of Osteopathic Medicine Department of Physical Medicine and Rehabilitation. He has been in practice for 27 years. He treats musculoskeletal disorders and sports injuries with osteopathic manipulation, a non-opioid hands-on style of medicine to treat pain.</p>
 <p><b>Travis Gordon, D.O, MSc</b>  <a href="mailto:gordont7@msu.edu">gordont7@msu.edu</a>            Primary Site: MEXICO            Office Hours: M-F, 10am to 4pm.            Other days/times available by request.</p>	<p>Travis Gordon, DO, MSc is the Director of Medical Education for International Studies in Merida, Yucatan, Mexico as well as Assistant Professor of Osteopathic Manipulative Medicine.</p> <p>As a Lansing native he graduated from Alma College in 2005 with a B.S. in exercise and Health Science and a B.A. in Spanish. He completed a two-year service in Peace Corps in Nicaragua from 2007-2009 in Public Health with a focus on HIV/AIDS, subsequently being awarded the International AIDS Day Award for outstanding initiatives in the field. He graduated from MSUCOM in 2013, earning the Fred Mitchell Sr. Award for his work in OMM, and later completed a residency at Florida Hospital East Orlando with specialties in family medicine and osteopathic neuromusculoskeletal medicine.</p> <p>He lives and works in Yucatan, Mexico to advance international collaboration in the health arena. He has earned a master's degree in humanistic psychotherapy, which he incorporates into his osteopathic practice in Yucatan.</p>

## Contributing Faculty

Name	Email	Phone	Location
William Cunningham, DO, MHA	<a href="mailto:cunni164@msu.edu">cunni164@msu.edu</a>	517-353-8992	EL
Sung Soo Chung, MPH, MS	<a href="mailto:Chungsu1@msu.edu">Chungsu1@msu.edu</a>	517-884-4620	EL

## Curriculum Assistants (CAs)

Name	Email	Phone	Location
Sabrina Vieyra Hollenbeck	<a href="mailto:Vieyras1@msu.edu">Vieyras1@msu.edu</a>	517-884-3788	EL

## Who to Contact with Questions

Question, Need, or Topic	Contact Person
Course - Logistics & Details	Contact CA or CD for rooms, groups, materials, links, schedule, etc.
Course - Overall	Contact Course Directors (in bold above).
Course - Specific Content	Contact Contributing Faculty for the content (see schedule).
Absences	Contact Course Directors (in bold above).
Behavior	Submit exemplary or concerning behavior to the <a href="#">CGPI</a> .
Enrollment	Inquire with <a href="#">MSUCOM Registrar</a> .
Personal/Wellness Needs	Inquire with <a href="#">Wellness &amp; Counseling</a> .
Study Skills or Progression	Inquire with <a href="#">Academic &amp; Career Advising</a> .
Technical Support	Inquire with <a href="#">MSU IT Service Desk</a> . Indicate COM affiliation.

## Course Information

### Course Description & Overview

OST 686 Global Health: Mexico – Clinical Immersion is a 3-credit hour course that provides students with an opportunity to actively engage in patient-based, learning experiences under the guidance of a clinician preceptor in collaboration, as appropriate, with interns, residents, and/or fellows. The course goals include enriching students' understanding of Mayan/Mexican culture. In addition, students should develop an understanding of endemic diseases and the healthcare

delivery system in the Yucatan. Course participants include those students interested in the Spanish language, Mayan/Mexican culture, and health care.

#### Learning Opportunities

- Public health
- Cultural competency with respect to Yucatan culture
- Comparing and contrasting the U.S. healthcare system with Mexico's healthcare system.

Through cultural immersion, clinical observations, expert presentations and other active course activities, this education abroad course enables students to develop better knowledge and understanding of the Mexican culture, global health issues and healthcare systems.

Competency	Related Course Objective(s)
Interpersonal & Communication Skills	1. Learn how communicate with healthcare providers, patients and local community members considering language barriers (Spanish, Mayan and other dialects).
Interprofessional Education for Collaborative Practice	2. Interprofessional approach to care. Learners typically include premedical, nursing, pre-nursing, public health, and social science(s) majors who will interact with a variety of health specialties and see how they work as team.
Medical Knowledge	3. Introduce OMM (osteopathic manipulative medicine) and its impact when delivering health care. 4. Compare and contrast healthcare systems in Mexico and the United States. 5. Present endemic diseases of the region such lithiasis, dengue, zika among others.
Patient Care & Procedural Skills	6. Observe patient-physician interactions and compare to the US methods. 7. Assimilate an understanding of patient-care through ongoing interaction and dialogue with, as well as formative feedback from, the program leader and health care professionals.
Self-Directed & Lifelong Learning	8. Enhance the students' ability to interact with cultural differences, understand issues of socio-economic equity, social determinants of health, community health, and public health guidelines. 9. Develop an appreciation of the practice of medicine as related to the specialty in which they rotate. 10. Understand the role students can play as global citizens/scientists equipped with a broader understanding of health.
Societal & Cultural Awareness & Advocacy	11. Challenge, understand, and appreciate different cultures and experiences and how these areas influence our world view.

## Textbooks and Resources

Most MSUCOM courses make use of [D2L](#) as a course website to share materials, [Google Calendar](#) to share course schedules, [Zoom](#) to host online meetings, and [iClicker](#) to facilitate audience polling. Visit <https://bit.ly/msucomtech> for reminders on how to access and use these resources. Other course-specific resources include:

Status	Resource
Required	<ul style="list-style-type: none"> <li>• There is no assigned textbook or required reading. Participants are encouraged to access articles or books on Mexico, Mexican history, the Mayan civilization, as well as citations about principles of public health, obesity, diabetes (type 1 &amp; 2), Dengue, Zika, maternal and child health, as well as the Spanish language.</li> <li>• Check with Olin Travel Clinic for vaccination requirements, or your primary care provider, or <a href="https://wwwnc.cdc.gov/travel/destinations/list">https://wwwnc.cdc.gov/travel/destinations/list</a></li> <li>• Participate in the orientation presentations prior to travel</li> <li>• Obtaining a visa of entry</li> <li>• Learn how to scrub into a surgery - check online scrub training:</li> <li>• <a href="https://youtu.be/QvRk5ZE7iRg">https://youtu.be/QvRk5ZE7iRg</a></li> <li>• <a href="https://youtu.be/QaB7dCIH8bg">https://youtu.be/QaB7dCIH8bg</a></li> <li>• <a href="https://www.youtube.com/watch?v=5NqZpRPTIKQ">https://www.youtube.com/watch?v=5NqZpRPTIKQ</a></li> <li>• <a href="https://www.youtube.com/watch?v=J0KI-i6aEmc">https://www.youtube.com/watch?v=J0KI-i6aEmc</a></li> <li>• <a href="https://www.youtube.com/watch?v=-N2d5Yp6HE">https://www.youtube.com/watch?v=-N2d5Yp6HE</a></li> <li>• <a href="https://www.youtube.com/watch?v=TPKxAaL_fL0">https://www.youtube.com/watch?v=TPKxAaL_fL0</a></li> <li>• <a href="https://www.youtube.com/watch?v=MpwMnjQR41Y">https://www.youtube.com/watch?v=MpwMnjQR41Y</a></li> <li>• <a href="https://www.youtube.com/watch?v=vCjoo6LOWz8">https://www.youtube.com/watch?v=vCjoo6LOWz8</a></li> </ul>
Optional	<ul style="list-style-type: none"> <li>• Enroll in STEP program</li> <li>• Review Conduct Issues policy</li> <li>• Cultural information:</li> <li>• <a href="http://www.merida.gob.mx/capitalcultural/">http://www.merida.gob.mx/capitalcultural/</a></li> <li>• <a href="https://www.nationalgeographic.com/es/temas/mayas">https://www.nationalgeographic.com/es/temas/mayas</a> (Spanish)</li> <li>• <a href="https://www.nationalgeographic.org/topics/maya/">https://www.nationalgeographic.org/topics/maya/</a> (English)</li> <li>• <a href="https://www.yucatan.com.mx/seccion/merida">https://www.yucatan.com.mx/seccion/merida</a> (Spanish)</li> </ul>

### Grading Schema

Course scores will be determined using the following formula:

$$\frac{(\text{orientation attendance} + \text{professionalism} + \text{daily group debriefs} + \text{journaling})}{(\text{total points possible})} \times 100\% = \text{Final Percent Score}$$

Course grades will then be assigned based on those course scores as follows:

- **P or Pass** - Satisfactory performance has been achieved and credit will be granted if a student's final percent score is 70% or higher.
- **N or No Grade** - Satisfactory performance has not been achieved and credit will not be granted if a student's final percent score is below 70%.

**Grading Scale for non-DO students:**

%	GRADE
93.5-100 %	4.0
88.5-93.49%	3.5
83.5-88.49%	3.0
78.5-83.49%	2.5
74.5%-78.49%	2.0 (Minimum passing grade)
69.5%-74.49	1.5
64.5%-69.49%	1.0
<64.49%	0.0

Undergraduate/non-DO students will receive numerical grades. Graduate and advanced practice students (medical students, PA, DNP, etc.) will be assigned a “Pass” on transcript based on 2.0 above or “Fail” if 1.5 or below.

**Remediation is not offered for elective courses.**

**Grading Requirements**

There will be daily reflection essays/journaling assessments in OST 686– Clinical Immersion Dominican Republic this semester. Points are allocated per table below with a total possible of 100 points.

Required Component	Projected Points	Material to be Covered
Attendance at pre-travel orientation	10	Expectations and introductory information
Evaluation of student performance, professional behavior	5 per day/20 total	Attendance and active participation/engagement at immersive experiences and lectures
1-2 page reflection essay or daily journaling	10 per day/50 total	Essay to cover student experience and perspectives due a week after the program ends.
Daily group debriefs	4 per day/20 total	Discussion of group experience,

		patient cases, culture and/or history
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### Reflection essay

- Your reflection paper should be a paper on your experiences in this elective program that could include: clinical learnings, cultural experience, and personal development.
- No more than 2 pages
- Font: Times New Roman, Size: 12pt. Margins: 1”
- Include a header or a footer with your last name, country you visited and trip dates.
- Include a title for your paper
- Please e-mail your essay in PDF or WORD document to [igh@msu.edu](mailto:igh@msu.edu)
- Submit your essay within 7 days from the last day of the program

## Policies & Resources

### Academic Support Resources at MSUCOM

Students are encouraged to connect with [Academic and Career Advising](#) (ACA) to access academic, board, and career advising across the 4-year D.O. curriculum. As a way to acclimate to the MSUCOM curriculum, you may access ACA's [On Target](#) website for semester roadmaps, tools needed to be successful in the curriculum, and targeted resources for different learning situations. Each semester's roadmap contains course expectations, tips, potential challenges, notes on longitudinal content and skills integration, and study guides.

### College or University Policies with Which Enrolled Students Must Be Familiar

Policy	Location
Common Ground Professionalism Initiative	<a href="#">MSUCOM CGPI Site</a>
Computer-Based Testing	<a href="#">MSUCOM D.O. Student Handbook</a> pp. 39-43
Disability & Reasonable Accommodation	<a href="#">MSUCOM D.O. Student Handbook</a> p. 13
iClicker	<a href="#">MSUCOM D.O. Student Handbook</a> p. 36
Mandatory Class Sessions & Examinations	<a href="#">MSUCOM D.O. Student Handbook</a> p. 43
Medical Students Rights and Responsibilities	<a href="#">Office of Spartan Experiences Site</a>
MSUCOM Academic Code of Professional Ethics	<a href="#">MSUCOM D.O. Student Handbook</a> pp. 66-67
Osteopathic Clinical Training & Student Safety	<a href="#">MSUCOM D.O. Student Handbook</a> pp. 68-72
Preclerkship Attendance & Absence	<a href="#">MSUCOM D.O. Student Handbook</a> pp. 43-45



Relationship Violence & Sexual Misconduct & Title IX	<a href="#">Office for Civil Rights &amp; Title IX Education &amp; Compliance Site</a>
Religious Observance Policy	<a href="#">Office of the Registrar Site</a>
Remediation	<a href="#">MSUCOM D.O. Student Handbook</a> p. 39

## Student Feedback

MSUCOM values student feedback, using this to model practice-based learning and improvement and to promote continuous quality improvement of learning experiences.

Route	Description
Informal	We invite you to respectfully provide constructive suggestions to Course Directors, Contributing Faculty, or Curriculum Assistants at any time.
Formal	<p>MSU sends a Student Perceptions of Learning Survey (SPLS) to enrolled students at the conclusion of each course to gain feedback on the course and Course Directors.</p> <p>The Institute for Global Health (IGH) shares with students a pre departure: <a href="https://msu.co1.qualtrics.com/jfe/form/SV_2ISubkuJ66tvLOm">https://msu.co1.qualtrics.com/jfe/form/SV_2ISubkuJ66tvLOm</a> and post return survey: <a href="https://msu.co1.qualtrics.com/jfe/form/SV_9EnQdEjsoMHB6Tk">https://msu.co1.qualtrics.com/jfe/form/SV_9EnQdEjsoMHB6Tk</a> so they can provide specific feedback on the experience this elective course has over their personal growth and cultural awareness, academic and intellectual growth and internationalization.</p>

## Course Schedule and Changes to Schedule or Requirements

Due to external circumstances (e.g., weather/maintenance closures, clinical obligations, student cohort needs, etc.), course requirements published in the course syllabus and/or course schedule may be subject to change. Timely communication regarding changes will be provided to enrolled students via the course [D2L](#) site, [Google Calendar](#), and/or [MSU email](#). Contact curriculum assistants with questions. Any changes made will be considerate of the [MSU Code of Teaching Responsibility](#) and the [Medical Students Rights and Responsibilities](#).

## Addendum: Course Schedule

Updated 10.18.24

Date	Time	Topic/Title	Notes
Day 1 (Saturday)		Arrival to hotel, check-in	Mandatory
Day 2	AM	On-site orientation	Mandatory
	PM	Cultural tours	Mandatory
Day 3	AM	Hospital/clinic observation/shadowing	Mandatory
	PM	Didactic lectures	Mandatory
Day 4	AM	Hospital/clinic observation/shadowing	Mandatory
	PM	Didactic lectures	Mandatory
Day 5	AM	Hospital/clinic observation/shadowing	Mandatory
	PM	Didactic lectures	Mandatory
Day 6	AM	Hospital/clinic observation/shadowing	Mandatory
	PM	Didactic lectures, cultural excursion	Mandatory
Day 7	AM	Hospital/clinic observation/shadowing	Mandatory
	PM	Didactic lectures/Cultural Activity/Farewell reception	Mandatory
Day 8 (Saturday)		Departure to U.S.A	Mandatory