

# OST 591 – Medical Case Study

Summer Semester, 2025, 5/20/25 – 7/29/25

## Table of Contents

### Faculty & Staff Information

- Course Director Biosketch(es)
- Contributing Faculty
- Curriculum Assistant (CA)
- Who to Contact with Questions

### Course Information

- Course Description & Overview
- Course Objectives
- Textbooks and Resources
- Grading Schema
- Grading Requirements

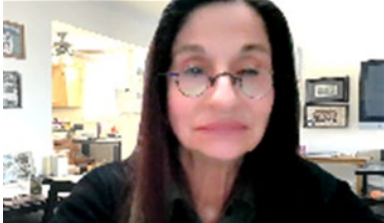
### Policies & Resources

- Academic Support Resources at MSUCOM
- College or University Policies with Which Enrolled Students Must Be Familiar
- Student Feedback
- Course Schedule and Changes to Schedule or Requirements

### Addendum: Course Schedule

## Faculty & Staff Information

### Course Director Biosketch

Contact Information	Biosketch
 <p><b>Janice Schwartz, PhD</b>  <a href="mailto:schwa317@msu.edu">schwa317@msu.edu</a>            517 884-7691            Primary Site: DMC            Office Hours: by request.</p>	<p>Dr. Schwartz earned an Interdisciplinary PhD in Biophysics and Molecular Endocrinology from the School of Medicine at WSU and went on to do a Postdoctoral Fellowship in Biochemistry and Molecular Biology. Soon afterwards, she was appointed as an Assistant Professor in the Department of Physiology. She has subsequently gained extensive teaching experience, has authored 22 publications, and received national as well as local funding. She has conducted research on estrogen receptor-positive breast cancer using a grant awarded from the National Cancer Institute to investigate the impact of dietary supplements on the responses to chemo-therapeutic agents. Dr. Schwartz is currently a full-time faculty member in the Department of Physiology at MSUCOM.</p>

### Contributing Faculty (clinical participants will vary according to availability)

Name	Email	Specialty
Janice Schwartz, PhD	<a href="mailto:schwa317@msu.edu">schwa317@msu.edu</a>	Molecular Endocrinology, Physiology
Abraham Wheeler, MA	<a href="mailto:awheeler@msu.edu">awheeler@msu.edu</a>	University Librarian
Annette Carron, DO	<a href="mailto:carron@msu.edu">carron@msu.edu</a>	Geriatrics
Bruce Wolf, DO	<a href="mailto:wolfbr@msu.edu">wolfbr@msu.edu</a>	Interventional Radiology
Paul Kowalski, MD	<a href="mailto:pauljk@msu.edu">pauljk@msu.edu</a>	Anatomic Pathology
Mayur Ramesh, DO	<a href="mailto:mramesh1@hfhs.org">mramesh1@hfhs.org</a>	Internal Medicine, Infectious Disease
Alyse Folino Ley, DO	<a href="mailto:folinoal@msu.edu">folinoal@msu.edu</a>	Adolescent Psychiatry
Marissa Rogers, DO	<a href="mailto:Marissa.Rogers@ascension.org">Marissa.Rogers@ascension.org</a>	Family Medicine
Gotlib, Ari, MD	<a href="mailto:Gotlib.Ari@mclaren.org">Gotlib.Ari@mclaren.org</a>	Emergency Medicine
Christine James, DO	<a href="mailto:cjpathdo@gmail.com">cjpathdo@gmail.com</a>	Forensic Pathology
Todd Moyerbrailean, DO	<a href="mailto:moyerbr1@msu.edu">moyerbr1@msu.edu</a>	Obstetrics and Gynecology
David Boes, DO	<a href="mailto:boes@msu.edu">boes@msu.edu</a>	Obstetrics and Gynecology
Harrison Wermuth, DO	<a href="mailto:wermuthh1030@gmail.com">wermuthh1030@gmail.com</a>	Emergency Medicine
Diana Hristova (MD)	<a href="mailto:hristova3@msu.edu">hristova3@msu.edu</a>	Pediatrics
Riley Mancine, DO	<a href="mailto:manciner@msu.edu">manciner@msu.edu</a>	Psychiatry, MSUCHM
Bernadette Gendernalik, DO	<a href="mailto:bgendern@msu.edu">bgendern@msu.edu</a>	Family Medicine
Saroj Misra, DO	<a href="mailto:sarojmisra@atsu.edu">sarojmisra@atsu.edu</a>	Family Medicine

### Curriculum Assistant (CA)

Name	Email	Phone	Location
Beatta Rodriguez	<a href="mailto:rodri583@msu.edu">rodri583@msu.edu</a>	5862636799	MUC

## Who to Contact with Questions

Question, Need, or Topic	Contact Person
Course - Logistics & Details	Contact CA or CD for 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

The OST591 Medical Case Study elective consists of seven 2-hour class sessions focused on the analysis and presentation of clinical cases. This is made possible through clinicians in different specialties who guide students through the case presentation process. In a typical class, one or more students will present a published case report that they have selected from the literature and a clinician will share a real-life case from his/her practice. This is a 1-credit hour course, and each student is only required to present once during the semester.

### Course Objectives

The course coordinator will supervise students in the following self-directed learning activities,

- 1) Practice problem-solving.
- 2) Integrate basic- and clinical- sciences across disciplines.
- 3) Engage with fellow students and clinical faculty in the case presentation process.
- 4) Improve test-taking abilities.
- 5) Acquire, analyze, and communicate medical knowledge.

By the end of this course, learners should be able to:

Competency	Related Course Objective(s)
Medical Knowledge	<p>Students engage in self-directed learning through the following activities.</p> <ol style="list-style-type: none"> <li>1. Participation in the presentations of others, including clinical faculty and other students in the course</li> <li>2. Presentation delivery requiring the student to:               <ol style="list-style-type: none"> <li>a) survey the literature to identify a medical case study of interest</li> <li>b) acquire topic-specific background information on selected cases</li> <li>c) evaluate and organize the content using a presentation-ready format</li> <li>d) communicate the information obtained to student colleagues, course faculty, and participating clinicians in a concise and meaningful way.</li> </ol> </li> </ol>
Self-Directed & Lifelong Learning	<p>Students have the opportunity to reinforce Self-Directed &amp; Lifelong Learning skills in this course by having to:</p> <ol style="list-style-type: none"> <li>1. Explore the kinds of information needed to address real-life cases, which are often complex and multifaceted,</li> <li>2. Carry out the steps involved in organizing and presenting the selected case, framing pertinent information into a 'clinical flowsheet', constructing a linear timeline, and engaging the listeners</li> </ol>

## Textbooks and Resources

There are NO pre-reading assignments or required textbooks for OST591, instead it is organized around relevant materials presented in class, published in the literature, and uploaded to the course website on [D2L](#). These will be described further in the opening class session. Visit <https://bit.ly/msucomtech> for reminders on how to access and use these resources. Other course-specific resources include:

Status	Resource
Optional	<p>Weinstein R., Writing Scientific Case Reports for Top-Line Journals. J. Clin. Apher. 36(3): 465-469, 2021; Akers KG. J Med Lib Assoc 104(2): 146, 2016);  <a href="https://jmedicalcasereports.biomedcentral.com/">https://jmedicalcasereports.biomedcentral.com/</a>. Additional optional reading will be discussed during the 1<sup>st</sup> class session. Other resources will be posted on a regular basis to the weekly folders and subfolders in the course website on d2l.</p>

## Grading Schema

Course scores will be determined using the following formula:

Students must earn a final score of 70% (77 out 110 points) to pass OST591. There are no formal exams in this course, rather students will be assessed on their performance throughout the class as described under Grading Requirements.

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%.

Remediation is not offered for elective courses.

## Grading Requirements

The MSUCOM D.O. degree program incorporates both horizontal and vertical curriculum integration, meaning course activities and assessments require ongoing development and integration of knowledge and skills acquired in previous courses. Required components include:

Required Component (Student Expectations)	Points	x	# Classes	=	Total Points
<b>Attendance</b>	2		7		14
Attend each class meeting, arrive on time, and remain for the duration					
<b>Participation 1</b>	7		5		35
Participate in the published case reports presented by other students					
<b>Participation 2</b>	7		7		49
Participate in cases presented by clinical- and other faculty					
<b>Participation 3</b>	12		1		12
Case Presentation. Students are expected to present one published case report in a knowledgeable and interactive fashion, using criteria set forth in the opening class discussion					
Total Points Possible				=	110
Passing Score: 70%					
Number of points needed to earn a passing score				=	77

## 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	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.

## **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 2/20/2025

Date	Time	Topic/Title	Faculty & Students	Event Type & Origin <a href="#">[options]</a>	Notes
5/20/2025	5:00 – 7:00 pm	<b>Opening Class Session:</b> Course description, website organization, Q & As, case examples and presentation styles	Schwartz	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
5/27/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
6/10/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
6/17/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
7/8/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
7/15/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
7/29/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)