

OST 591 – Medical Case Study

Spring Semester, 2025, 1/14/25 – 2/25/25

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 data-bbox="203 913 527 1081"> Janice Schwartz, PhD schwa317@msu.edu 517 884-7691 Primary Site: DMC Office Hours: by request. </p>	<p data-bbox="605 436 1414 898"> 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 chemotherapeutic 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	Phone	Location
Janice Schwartz, PhD	schwa317@msu.edu	5178849671	DMC
Abraham Wheeler, MA	awheeler@msu.edu	5178840893	EL
Annette Carron, DO	carron@msu.edu	517-555-0008	DMC
Abraham Wheeler, MA	awheeler@msu.edu	5178840893	EL
Annette Carron, DO	carron@msu.edu	5862632166	DMC
Bruce Wolf, DO	wolfbr@msu.edu	5179758930	MUC
Paul Kowalski, MD	pauljk@msu.edu	5173533453	EL
Mayur Ramesh, DO	mramesh1@hfhs.org	3139162556	HFHS
Alyse Folino Ley, DO	folinoal@msu.edu	5173534362	EL
Christine James, DO	cjpathdo@gmail.com	2693376173	WMED
Todd Moyerbrailean, DO	moyerbr1@msu.edu	5173538470	EL
David Boes, DO	boes@msu.edu	5173538470	EL
Harrison Wermuth, DO	wermuthh1030@gmail.com	718960-663	SBH NY

Curriculum Assistant (CA)

Name	Email	Phone	Location
Beatta Rodriguez	rodri583@msu.edu	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 CGPI .
Enrollment	Inquire with MSUCOM Registrar .
Personal/Wellness Needs	Inquire with Wellness & Counseling .
Study Skills or Progression	Inquire with Academic & Career Advising .
Technical Support	Inquire with MSU IT Service Desk . Indicate COM affiliation.

Course Information

Course Description & Overview

OST591 Medical Case Study is a 1-credit hour elective which consists entirely of medical cases. Each student is required to present one published case report that they have identified from the literature. In addition, clinical faculty will share cases they have encountered in practice with students as they guide them through the case report presentation process.

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"> 1. Participation in the presentations of others, including clinical faculty and other students in the course 2. Presentation delivery requiring the student to: <ol style="list-style-type: none"> a) survey the literature to identify a medical case study of interest b) acquire topic-specific background information on selected cases c) evaluate and organize the content using a presentation-ready format d) communicate the information obtained to student colleagues, course faculty, and participating clinicians in a concise and meaningful way.
Self-Directed & Lifelong Learning	<p>Students have the opportunity to reinforce Self-Directed & Lifelong Learning skills in this course by having to:</p> <ol style="list-style-type: none"> 1. Explore the kinds of information needed to address real-life cases, which are often complex and multifaceted, 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

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); https://jmedicalcasereports.biomedcentral.com/. Additional optional reading will be discussed during the 1st 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
Attendance	2		7		14
Attend each class meeting, arrive on time, and remain for the duration					
Participation 1	7		5		35
Participate in the published case reports presented by other students					
Participation 2	7		7		49
Participate in cases presented by clinical- and other faculty					
Participation 3	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	MSUCOM CGPI Site
Computer-Based Testing	MSUCOM D.O. Student Handbook pp. 39-43
Disability & Reasonable Accommodation	MSUCOM D.O. Student Handbook p. 13
iClicker	MSUCOM D.O. Student Handbook p. 36
Mandatory Class Sessions & Examinations	MSUCOM D.O. Student Handbook p. 43
Medical Students Rights and Responsibilities	Office of Spartan Experiences Site
MSUCOM Academic Code of Professional Ethics	MSUCOM D.O. Student Handbook pp. 66-67
Osteopathic Clinical Training & Student Safety	MSUCOM D.O. Student Handbook pp. 68-72
Preclerkship Attendance & Absence	MSUCOM D.O. Student Handbook pp. 43-45
Relationship Violence & Sexual Misconduct & Title IX	Office for Civil Rights & Title IX Education & Compliance Site
Religious Observance Policy	Office of the Registrar Site
Remediation	MSUCOM D.O. Student Handbook 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 11.20.2024

Date	Time	Topic/Title	Faculty & Students	Event Type & Origin [options]	Notes
1/14/2025	5:00 – 7:00 pm	Opening Class Session: Course description, website organization, Q & As, case examples and presentation styles	Schwartz	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
1/21/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
1/28/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
2/4/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
2/11/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
2/18/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)
2/25/2025	5:00 – 7:00 pm	TBD	TBD	Virtual	Points are attributed for attendance and participation (see Grading Requirements)