

IM 618 - Clinical Tropical Medicine

Fall Semester - 2020
Updated: 09/10/2020 asl

Table of Contents

Elective Description 2

Course Goals 2

Course Coordinator 2

Staff or Student Coordinator 3

Instructors..... 3

Lines of Communication 3

Office Hours 3

Textbooks and Reference Materials..... 3

Elective Schedule..... 3

Required Exams/Assessments 4

Required Proctoring Arrangements 5

Elective Grades..... 6

Student Evaluation of the Course 7

Academic Honesty and Professionalism..... 9

Types of Class Sessions 9

Mandatory and Optional Class Sessions..... 9

Absences from Mandatory and Examinations/Assessments..... 9

Computer-Based Testing 10

Medical Student Rights and Responsibilities 10

Remediation..... 11

Student Safety and Well-being 11

Requests for Accommodations 11

Title IX Notifications 11

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

IM 618, Clinical Tropical Medicine, is a 2-credit hour course that provides students with an introduction to the practice of clinical medicine in resource-challenged settings. The focus of the course is on Africa, because of the clinical electives offered by MSU-COM for fourth year students, but much of the content will be relevant in other settings.

The course covers a mixture of the “classic” tropical diseases and a symptom-based approach to tropical disease. This gives the students the advantage of being able to appreciate specific parasitic infections as well as to learn how to approach patients who present with common symptoms: the differential diagnosis and the diagnostic studies are often very different.

This course serves as the pre-requisite for IM 621, the clinical tropical medicine elective available to final year students. Only students who pass this course will be eligible to apply for this elective; **having passed the course does not guarantee that a student will be accepted into this elective.**

Weekly lectures, recorded in advance, will be available in PowerPoint in D2L. There will be four interactive sessions during the semester, during which students will work together with the course instructors on clinical questions and scenarios.

There is no textbook; optional readings will be included in the PowerPoint presentations.

Course Goals

1. Be able to describe the life cycle, clinical presentation and treatment of
 - a. Malaria
 - b. Schistosomiasis
 - c. Trypanosomiasis
 - d. Filariasis
2. Be familiar with the etiologies, clinical presentations and treatments of
 - a. Tuberculosis
 - b. Hemorrhagic fevers (including dengue)
 - c. Diarrheal disease
 - d. Anemia

Course Coordinator

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

Name: Terrie E. Taylor, D.O.

Phone: 517-353-8975

Email: ttmalawi@msu.edu

Address: B309-B West Fee Hall, East Lansing, MI 48824

Staff or Student Coordinator

Note - Preferred method of contact is shown in italics)

Name: Stephen Stone
Phone: 517-884-3846
<i>Email: Stephen.Stone@hc.msu.edu</i>
Address: B315-A W. Fee Hall, East Lansing MI 48824

Instructors

(Note - Preferred method of contact is in italics)

Name:	Douglas G. Postels, M.D., M.S.
Phone:	505 256 4929
<i>Email:</i>	<i>dpostels@childrensnational.org</i>
Site:	Washington DC

Lines of Communication

- For administrative aspects of this elective: Stephen Stone
- For content questions relating to a specific learning activity or topic during this elective: the relevant lecturer (TT or DGP)
- For absences (please refer to excused absence policy information provided at the end of this syllabus): Stephen Stone

Office Hours

Questions concerning the elective may be discussed individually by scheduling a face-to-face or virtual meeting with Terrie Taylor. Please contact her by phone (517) 353-3211 or via e-mail (ttmalawi@msu.edu). The Elective Coordinator is generally available Monday-Friday, 7:30 – 3:30, or by appointment.

Textbooks and Reference Materials

No textbook is required.

Optional reading will be listed in conjunction with each PowerPoint lecture.

Elective Schedule

This elective is presented for 12 consecutive weeks. General scheduling for the educational activities of this elective are as follows:

1	Tues, 8 September	Live - 5:00 to 7:00	Intro/Malawi elective, TT career, DGP career (TT, DGP)
2	Week of 14 Sept	Recorded	Malaria 1,2
3	Week of 21 Sept	Recorded	TB
4	Tuesday, 29 Sept	Live - 5:00 to 7:00	Quiz 1 Malaria and TB Interactive (TT, DGP)
5	Week of 5 Oct	Recorded	Schisto, HAT,
6	Tues, 12 Oct	Recorded	Filariasis, Hemorrhagic Fevers

7	Tuesday, 20 Oct	Live - 5:00 to 7:00	Quiz 2 Fever Interactive (TT)
8	Week of 26 Oct	Recorded	Anemia/Diarrhea
9	Week of 2 Nov	Recorded	Non-communicable diseases
10	Week of 9 Nov	Recorded	Travelers' health
11	Tuesday, 17 Nov	Live - 5:00 to 7:00	Quiz 3 Case studies in pediatrics (anemia, diarrhea), adults (NCDs) and travel med (TT, DGP)
12	Week of 23 Nov	Final week of elective	<i>Take home exam or paper due on Wednesday, 25 November, 5 pm</i>

Classrooms for interactive sessions:

EL: E-202

DMC: G028

Macomb: UC4 117-1

GR: GR 220 SC

Zoom will be used if no classrooms can be used.

Required Exams/Assessments

To obtain a "P" in this course, students are required to attend all of the interactive class sessions, participate in the discussions, **and** to complete one of the following:

Pass ($\geq 70\%$ correct) two of the three quizzes. These will be administered during the interactive sessions.

OR

Write a short (at least five pages) research paper on some topic related to a tropical medicine disease **not** covered in class (see p. 5)

OR

Complete the take-home exam (see p. 5)

Required Proctoring Arrangements

- All quizzes will be administered via D2L over the course of 15 minutes at the beginning of interactive session; quizzes should be submitted by the students who wish to submit them, and the answers will then be discussed with the entire class.
- All quizzes are "closed book". Therefore, you should plan to put all books, notebooks, backpacks, etc. away during the exam. The only reasons to question the proctor or faculty during an exam are:
 - if you have a defective exam
 - if you note misprints, or discrepancies in numbering or lettering of foils
 - if you note typographical errors that change the meaning of the question
- Individual quiz results will be posted in D2L. Course faculty will review the quizzes and add appropriate comment on misconceptions via the communication tool or in class.
- In deference to your peers, if you carry a cellphone, please be sure that it is **turned off** and placed at the perimeter of the room with your personal items during the quiz. If an emergency requires otherwise, please notify the course coordinator, course assistant or proctor of the exam.
- Students will not be permitted to leave an examination setting until the quiz is finished.
- Concepts that have proven difficult to students will be explained again immediately after the quiz and will be tested again in most instances.
- Students will not be permitted to leave the exam setting without permission.
- Without exception, quizzes to be submitted for credit will be submitted at the stated time of completion on D2L. Exams not turned in by the stated time of completion will **not** be scored.
- STUDENTS SEEN TO HAVE WANDERING EYES OR OTHER CONCERNING BEHAVIOR DURING AN EXAMINATION MAY BE MOVED AT ANY TIME, WITHOUT ANY EXPLANATION TO A DIFFERENT LOCATION. SOMETIMES THE STUDENT BEING MOVED IS NOT THE ONE WITH THE WANDERING EYES, BUT THE STUDENT WITH THE TEST THAT IS BEING LOOKED AT, SO DO NOT ASSUME THAT SOMEONE THAT IS BEING MOVED IS TRYING TO CHEAT. THIS MAY BE DONE BY ANY PROCTOR AT ANY TIME DURING ANY EXAM.
- If you personally notice irregular behavior around you, please report it to the proctor so they may watch and quietly return to your seat. Do not wait until after the exam is completed to report the incident.

Sanctions up to and including dismissal are the consequences of irregular conduct during the quizzes.

Failure to adhere to these requirements will result in no points being awarded for the examination and may result in further disciplinary action.

NOTE: All decisions concerning examination procedures including but not limited to the viewing of written exams will be at the discretion of the course coordinator.

Elective Grades

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

- **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

- Attend all four interactive sessions
 - If advance notification is given for being absent for one interactive session, the student must successfully complete two of the three pass options (quiz, take-home exam or research paper)
 - If advance notice is given for being absent for two of the interactive sessions, the student must successfully complete all three of the grading options (quiz, take-home exam or research paper)
 - See below for communications regarding and consequences of being absent for the interactive sessions.

AND

- Pass ($\geq 70\%$) two of the three quizzes offered during the last three interactive sessions (see below re "Missed Quizzes")

OR

- pass ($\geq 70\%$) the take home exam

OR

- write a 5-page research paper on a topic not explicitly addressed during class

- **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 fails to attend a sufficient number of interactive sessions and to complete a sufficient number of grading options, as described above, will receive an "N" grade.
- Remediation - Since all the electives in the MSUCOM curriculum are optional, students are not required to remediate the elective if an "N" grade is received.

Missed Quizzes

If you have been excused from an interactive session with prior approval, you may take a makeup quiz in the office of a proctor. If you pass ($\geq 70\%$ correct) two of three quizzes you may use this option to pass the course. *But you will also need to complete a second form of Required Assessment (either the take-home exam or the research paper) in order to pass the course.*

Missed Interactive Sessions

If you miss an interactive session **without prior approval**, you will not be allowed to take a make-up quiz. You will therefore have to pass two quizzes in order to use the “quiz option” for passing the course. *You will also need to complete a second form of Required Assessment (either the take-home exam or the research paper) in order to pass the course.* If you do not pass two quizzes, you will need to complete **both** the take home exam *and* the research paper in order to pass the course.

To obtain an excused absence, you must contact the Course Coordinator **prior to the scheduled interactive session**: Mr. Stephen Stone (Stephen.Stone@hc.msu.edu)

Research Paper

Another option for passing the course is to write a 5-page paper on some topic **not** covered in class. The requirements for the paper, which should be submitted in D2L, are

- At least five pages, numbered
- 1.5 line spacing
- 1” margins
- ≤ 11-point Arial font
- Standard scientific writing (e.g., no “first person” voice)
- At least 5 sources, appropriate referencing, standard bibliography citing, no more than 2 on-line references
- Italicize species names (e.g., *P. falciparum*)

Take-home Exam

The third option for passing the course is to take an open-book take-home exam. Students must not confer with each other about the exam. It will be made available on Tuesday, 17 November at 5 PM and is due by 5 PM (in D2L) by 5 PM the following Wednesday, 25 November.

Student Evaluation of the Course

We value your feedback on how to make this elective better for the students who come after you.

- **Informal Feedback:** Feel free to approach the Elective Coordinator, Terrie Taylor, or Doug Postels with your reactions and suggestions. Another option is to write out your comments and email them to the Elective 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.
- **Formal Evaluation:** In addition to the above, we ask every student in the class to complete formal on-line elective evaluation upon conclusion of the elective. Student feedback provides the elective coordinators with valuable information regarding their performance, the performance of their instructors and the quality of the elective. The information gained

from these evaluations is used to continuously improve future offerings of this Elective. Hard copies of the evaluation will be distributed and collected during the last interactive session --- alternatively, students can access the evaluation via D2L during the last week of the elective.

Section 2 – Policies

Please refer to the [MSUCOM Student Handbook](#) 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/sites/default/files/content/Academic-Integrity-at-MSU-updated-August-2017.pdf>

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 coordinator. 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 submitted via the [student portal](#).

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.

Reef Polling (iClicker Cloud) Policy

It is your responsibility to know and comply with the Reef Polling (iClicker Cloud) 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 Reef Polling 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 Reef 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 their iClicker Reef 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 Reef 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. If you receive an “N” grade in a course, that grade will be recorded on your official transcript; you must meet the course requirement by successfully remediating or repeating the course.

Eligibility to attempt remediation of the course is determined by criteria described in the “Course Grades” section of the syllabus. If you are not eligible to attempt remediation, or if you fail the remediation, you must retake the course, provided you are eligible to continue in the program as determined by the Committee on Student Evaluation.

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.

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. 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, 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 coordinator 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.

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

Course schedule for the current semester will be posted to D2L. Changes to the course schedule will be noted on the class academic calendar (“Google 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.