# MEDICAL PROTOZOOLOGY (TRMD 6070)
**Tidewater 1210**  
**Wednesdays and Fridays 1:00-3:00**

<table>
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<tr>
<th>Date</th>
<th>Lecture Topics</th>
<th>Readings</th>
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| Oct 24 | What are protozoa?  
Protozoan cell and molecular biology | Chapter 1 |
| 26 | **Giardia lamblia**  
Other lumenal protozoa (*Trichomonas, Balantidium, Blastocystis, Dientamoeba*) | Chapters 2, 4, 5-6 |
| 31 | **Entamoeba histolytica** and Amebiasis | Chapters 2-3 |
| Nov 2 | African trypanosomes and sleeping sickness | Chapters 7-8 |
| 7 | Chagas disease | Chapter 9 |
| 9 | Leishmaniasis | Chapter 10 |
| 14 | Midterm Examination | - |
| 16 | **Plasmodium** and malaria | Chapter 15 |
| 28 | Malaria Pathogenesis  
Epidemiology and transmission  
Diagnosis, species identification and treatment | Chapter 15 |
| 30 | Antimalarial drugs, drug action, and drug resistance  
*Babesia* | Chapter 15 |
| Dec 5 | Coccidia | Chapters 12-13 |
| 7 | Toxoplasmosis (and *Sarcocystis*)  
Free-living protozoa | Chapter 14, 17 |
| 12 | Comprehensive Final Examination (TBA, 1:00?) | - |

Chapters refer to *Protozoa and Human Disease*. 
Additional information about this course and supplemental study guides can be found on the Medical Protozoology Webpage (http://www.tulane.edu/~wiser/protozoology/) including an on-line version of the course syllabus with hyperlinks and suggested readings from the textbooks.

Recommended Text: Protozoa and Human Disease by Wiser. Published by Taylor and Francis Group (Garland), 2011.

Supplemental Text: The textbook used for Medical Helminthology can also be used.

Supplemental Texts on reserve in the Medical School Library


Exams/Grades: The exams will be based upon the lecture material and the assigned readings from the textbook. Grades are determined from two examinations weighed accordingly:

- Midterm Exam  80 points
- Final Exam  120 points

Instructor: Mark F. Wiser, Ph.D. 988-2507
Room 2224 Tidewater  wiser@tulane.edu
http://www.tulane.edu/~wiser/

Office Hours: Tues & Thurs 1:30-3:30 (or by appointment)