



Patrick J. Davis, Ph.D.  
COLLEGE OF PHARMACY  
THE UNIVERSITY OF TEXAS AT AUSTIN

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## Emerging Infections: Case Studies (PHR 280U) Spring-09 Statement of Course Policy

**Course Description:** This course will address selected current issues on new and emerging, recurring, and cycling infectious diseases. The course is intentionally designed to have a more “active learning” structure than typical didactic courses, in that students will have the major input as to the specific topics to be covered, and will play a major role in background presentations and the formulation & execution of cases.

**Instructor:** Prof. Patrick J. Davis, PHR 5.112D, 475-9751  
[davispj@mail.utexas.edu](mailto:davispj@mail.utexas.edu). Office hours (for case review with the next team presenting) will be Thursday from 11:00-12:30 in my office (PHR 5.112D).

**Course Prerequisites:** Pharmacotherapy I Series (PHR 365E, 265F, 365G, 165P) or consent of the instructor.

**Course Objectives:** The objectives of this course are as follows:

1. To provide an overview of current emerging infection issues from a variety of viewpoints (epidemiological, ecological, social, therapeutic, public information, etc).
2. To give students experience in exploring unique resources and databases relating to emerging infections.
3. To give students an opportunity to explore the design and execution of various case study formats in addressing emerging diseases.
4. To provide students the opportunity to develop and present background and case studies of their own design.
5. To provide students the opportunity to participate in multidimensional peer and self-assessment.

**Course Format:** We will be using a “case study” approach, but this will involve a wide variety of case approaches. Students will be directly involved in team-based case development and delivery. For this purpose, students will divide into teams that will work together (and with me) in the development of case background and will be responsible for one case presentation. Each week’s discussion period [1.5 hrs] will consist of the following sequence:

1. Weekly Update on Emerging Infections (What's "Hot")  
[by *next week's* case team] 5 min MAX!
2. Learning Issues addressed [by *last week's* case team] 5 min MAX!
3. Background Presentation [by *this week's* case team]
4. Case Execution [by *this week's* case team]
5. Case Team Evaluation [by the Class; by the Faculty] and  
Class Participation Evaluation [by the Case Team; by the Faculty].

**Grading:** Your individual final grade will be based upon your team's case development, your team's delivery of the case to the rest of the class, and your individual participation in the cases presented by other teams. Specifically, you will be evaluated (by faculty and peers) on the following point system and criteria as a **Team grade** for your case:

- [10 pts] Presentation of weekly update to the class (what's hot") (team grade)  
5 pts faculty/5 pts student peers.
- [30 pts] Team meeting with faculty to prepare case (team grade)
- [30 pts] Presentation of case background material to the class (team grade)  
15 pts faculty/15 pts student peers.
- [30 pts] Executing the case with the class (and learning objectives) (team grade)  
15 pts faculty/15 pts student peers
- [10 pts] Learning issues addressed following case (team grade)  
5 pts faculty/5 pts student peers.

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= 110 pts/case for your **team** effort.

- [150 pts] **Individual participation** in each of the *other* team's case presentations (individual grade at 10 participation pts max for each of the cases presented by the other teams). This is based on 15 cases (not including your team's) and 10 participation points per case. Your score will be determined based on input from the faculty and the student team presenting. **Note:** You must complete the online (Blackboard® link) evaluation for each case presented by 5:00 pm on Friday following the Teams final presentation of learning issues to receive your participation points. After 5:00 p.m. the link is closed and your participation points cannot be earned.
- **Grand Total for Course = 260 pts**

You can check your current points at any time on the Blackboard® website for this course.

The top individual score will be normalized to 100%, and grades will then be assigned as 90-100=A; 80-89=B; 70-79=C; 60-69=D; <60=F. Note: Dr. Davis retains the right to curve more leniently.

**Information Sources:** There are no required textbooks for this course; however, you should become familiar with the following internet addresses which focus on *timely info* concerning emerging infections and disease control. This will be especially important for your team's "what's hot" presentation:

1. National Center for Disease Control (US) [<http://www.cdc.gov>]
2. Morbidity & Mortality Reports Weekly (MMWR) [<http://www.cdc.gov/mmwr>]
3. National Center for Infectious Diseases [<http://www.cdc.gov/ncidod>]
4. Journal of Emerging Infectious Disease (EID) [<http://www.cdc.gov/ncidod/eid>]
5. ProMED Program for Monitoring Emerging Diseases [<http://www.promedmail.org>]
6. FAS Promed Global Monitoring of Emerging Diseases [<http://www.fas.org/promed>]
7. Center for Emerging Infectious Diseases [<http://www.public-health.uiowa.edu/CEID/>]
8. DoD-GEISWeb Global Emerging Infections System [<http://www.geis.fhp.osd.mil>]
9. Weekly Epidemiology Reports (WER/WHO) [<http://www.who.int/wer/en/>]
10. Center for the Study of Emerging Infections [<http://www.emerginginfections.slu.edu>]
11. Institute for Biosecurity [<http://www.bioterrorism.slu.edu>]
12. Texas State Department of Health [<http://wee.dshs.state.tx.us>]

In addition, I have several texts on infectious diseases you can check out, as well as summary student-case notebooks from each of the previous course offerings. Their background and case presentations are also available on the Blackboard® website for this course.

**What we have left to do today:**

1. **Decide on case-teams [2 students/team].**
2. **Decide the case schedule**

Note: You can switch with another group; just let me know!



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## Team Presentations in Emerging Infections (PHR 280U, Sp-09) Dr. Davis

Team	Names
Acad Interns	Jennifer El-Khoury, Ester Chang
Team A	
Team B	
Team C	
Team D	
Team E	
Team F	
Team G	
Team H	
Team I	
Team J	
Team K	
Team L	
Team M	
Acad Intern	Sara Lott
Acad Intern	Ponny Truong, Renee Crozler

## Schedule of Course Participation by Teams

Day	Date	What's Hot Update	Meet With Dr. Davis	Case	Any Learning Issues	Case Topic
Tues Thurs	Jan 20 Jan 22	Interns	-----	-----	----- -----	Orientation (Davis)
Tues Thurs	Jan 27 Jan 29	<b>Team A</b>	<b>Team A</b>	Interns		Case: Interns
Tues Thurs	Feb 3 Feb 5	Team B	Team B	<b>Team A</b>	Interns	<b>Case: Team A</b>
Tues Thurs	Feb 10 Feb 12	Team C	Team C	Team B	<b>Team A</b>	Case: Team B
Tues Thurs	Feb 17 Feb 19	Team D	Team D	Team C	Team B	Case: Team C
Tues Thurs	Feb 24 Feb 26	Team E	Team E	Team D	Team C	Case: Team D
Tues Thurs	Mar 3 Mar 5	Team F	<i>Team F</i>	Team E	Team D	Case: Team E
Tues Thurs	Mar 10 Mar 12	Team G -----	----- Team G	Team F	Team E	Case: Team F
<b>Spring Break</b>	Mar 17 Mar 19	----- -----	----- -----	----- -----	----- -----	Spring Break
Tues Thurs	Mar 24 Mar 26	Team H	Team H	Team G	Team F	Case: Team G
Tues Thurs	Mar 31 Ap 2	Team I	Team I	Team H	Team G	Case: Team H
Tues Thurs	Ap 7 Ap 9	Team J	Team J	Team I	Team H	Case: Team I
Tues Thurs	Ap 14 Ap 16	Team K	Team K	Team J	Team I	Case: Team J
Tues Thurs	Ap 21 Ap 23	Team L	Team L	Team K	Team J	Case: Team K
Tues Thurs	Ap 28 Ap 30	Team M	Team M	Team L	Team K	Case: Team L
Tues Thurs	May 5 May 7			Team M	Team L Team M	Case: Team M

■ Case evaluations are **due** from each student by 5:00 p.m. Friday after the Team's final *Learning Issues* are presented. This is done electronically through Blackboard® After 5:00 p.m. the data link for input is closed.

