

IDS 106  
Historical Perspectives of Medical Discoveries  
Instructors: Drs. Monica Ali and David Leinweber  
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**I. COURSE OBJECTIVES:** Course Objectives are as follows:

- A. To gain an understanding and appreciation of some of the major developments in medicine, including the discoveries of vaccinations, anesthesia, insulin, and antibiotics; and to gain an appreciation of the significant role medicine has played in human history.
- B. To sharpen our critical writing and thinking skills.
- C. To learn and/or improve our skills at using Microsoft PowerPoint to construct polished professional presentations.

**II. TEXTS AND COURSE MATERIALS:**

For your reading pleasure, two texts have been assigned. Some recommended and/or collateral readings are also suggested below. These should be especially helpful to students as they construct their research papers, or probe further into various issues raised in the course.

A. Common Readings:

History Course Book, compiled by Dr. David Leinweber; available from Ms. Joan Baillie in the Office of History/Social Science.

Tom Clancy, *Rainbow Six*

B. Collateral Readings:

Loudon, Irvine, *Western Medicine: An Illustrated History*.

Porter and Teich, *Drugs and Narcotics in History* (Cambridge, 1995).

Porter, Roy, *The Greatest Benefit to Mankind* (Norton, 1997).

*Scientific American: Special Issue*, "The Immune System," vol. 269, No. 3, Sept. 1993.

*Time: Special Issue*, "The Frontiers of Medicine," vol. 145, No. 14, Fall, 1996.

C. Recommended Web-Sites:

<http://www.cdc.gov/nip/child.ht>

<http://science-education.nih.gov/ni>

D. Field-Trip:

At a date TBA in the near future, we will visit the Crawford Long Museum in Jefferson GA. We will all try to determine collectively the best optimum possible date, and provide ample time for planning. It is expected that students will participate in this field trip, with the instructors reserving the right to penalize those students who fail to do so.

### **III. GRADING:**

There will be four grades given to students for this course, each equal in weight. Three examinations (including the final examination) and a 8-10 page paper on a research topic selected by the student in consultation with the instructor. At the end of the semester, students will present their research findings to the group in a 25-minute PowerPoint slide presentation. No grade will be given to the PowerPoint slide presentation, though students are expected to do their very best. Students who do not do so may suffer a lowering of the final grade, at the discretion of the instructors.

### **IV. VARIOUS COURSE POLICIES:**

Students should note the following miscellaneous course policies:

A. The Honor Code: The Oxford College of Emory University Honor Code is, of course, in effect during the entirety of this course. Students are expected to obey it both in letter and in spirit.

B. Attendance: Attendance is recorded, and noticed, and a valuable piece of information to be considered at grading time. Students who exceed four absences deemed unexcused by the instructors will suffer a reduction of their final grade.

### **V. COURSE CALENDAR:**

The course will follow a lecture schedule, with major topics announced by the two instructors during the course of the semester. Reading and other assignments will be given during by the instructors during the course of the semester.

#### **A. Exam Dates and Paper Deadlines:**

Field Trip: TBA

Examination #1: Thursday, February 21

Examination #2: Tuesday, March 19

Paper Due, Tuesday, April 16

Final Examination: Friday, May 3 2-5:00

#### **B. Presentation Schedule**

Presentations will be scheduled for the last week or two of class. Student placement in scheduling will depend on topic selected, in consultation with the instructor.