

PLAGUES IN MAN

ISC 2937-06

SPRING 2010, R. H. REEVES

MW, 1:25-2:40; 101 LAN

SYLLABUS

LECTURE	DATE	TOPIC	READINGS
A SCIENTIFIC BACKGROUND			
01	JAN 06	INTRODUCTION: HISTORY & SCOPE	"MICROBE HUNTERS"
02	JAN 11	INFECTIOUS DISEASE	
03	JAN 13	THE HUMAN HOST	
	JAN 18	MARTIN LUTHER KING DAY	
04	JAN 20	THE PATHOGEN	
05	JAN 25	PUBLIC HEALTH & EPIDEMIOLOGY	
06	JAN 27	ANTIBIOTICS & ANTIVIRAL DRUGS	"VIRUSES, PLAGUES & HISTORY"
07	FEB 01	VACCINES	
08	FEB 03	BACTERIAL DISEASES	
09	FEB 08	VIRAL DISEASES	
10	FEB 10	OTHER AGENTS OF DISEASE: PLASMODIA & PRIONS	"DEADLY FEASTS"
	FEB 15	REVIEW (LECTURES 01-10)	
	FEB 17	EXAMINATION #1, LECTURES 1-10, 100 POINTS	
ANCIENT AND MODERN PLAGUES			
11	FEB 22	PLAGUES AND HISTORY THE BIBLICAL PLAGUES, LEPROSY	
12	FEB 24	THE BLACK DEATH - BUBONIC AND PNEUMONIC PLAGUE	
13	MAR 01	THE GREAT POX - SYPHILIS PLAGUES OF THE NEW WORLD - SMALLPOX & MEASLES	
14	MAR 03	CONSUMPTION OR THE WHITE PLAGUE - TUBERCULOSIS 200 YEARS OF CHOLERA	
	MAR 08-12	Spring Break	

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15 MAR 15 THE GREAT 1918 PANDEMIC - INFLUENZA

16 MAR 17 EMERGING DISEASES - THE HEMORRHAGIC FEVERS

17 MAR 22 AIDS AND HIV-1

18 MAR 24 HANTVIRUS PULMONARY SYNDROME AND
WEST NILE ENCEPHALITIS
PAPER DUE ON PLAGUES - 50 POINTS

19 Mar 29 THE PRION DISEASES (KURU AND CJD) "DEADLY
FEASTS"

20 MAR 31 BIOTERRORISM: SMALLPOX AND ANTHRAX

 APR 05 REVIEW (LECTURES 11- 20)

 APR 07 **EXAMINATION #2, LECTURES 11-20, 100 POINTS**

PLAGUES IN FICTION

 APR 12 PRESENTATIONS, PAPERS & DISCUSSION

 APR 14 PRESENTATIONS, PAPERS & DISCUSSION

 APR 19 PRESENTATIONS, PAPERS & DISCUSSION

 APR 21 PRESENTATIONS, PAPERS & DISCUSSION

APR 27 TUESDAY, FINAL EXAMINATION
5:30-7:30 PM, 200 POINTS

PURPOSE: THIS COURSE DEALS WITH THE HISTORIC AND RECENT PLAGUES OF MAN. SOME RECENT "OUTBREAKS" OR PLAGUES ARE ALSO REFERRED TO AS EMERGING DISEASES. WE WILL REVIEW THE SCIENCE/EPIDEMIOLOGY, THE HISTORY AND THE POPULAR PERCEPTIONS OF THESE INFECTIOUS DISEASES. POTENTIAL PLAGUES DUE TO BIOLOGICAL WARFARE OR BIOTERRORISM WILL ALSO BE DISCUSSED.

TEXTS: SEE "READING LIST".

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GRADING: YOU WILL BE GRADED ON TWO EXAMINATIONS WORTH 100 POINTS EACH, A FINAL WORTH 200 POINTS AND TWO REQUIRED LIBRARY ASSIGNMENTS/PRESENTATIONS WORTH 50 POINTS EACH, FOR A TOTAL OF **500 POINTS**. IF YOU MISS AN IN-CLASS EXAMINATION FOR ANY REASON, YOU WILL GET A ZERO ON THAT EXAM. IF YOU HAVE A LEGITIMATE EXCUSE FOR MISSING AN EXAM, A PAPER WORTH 100 POINTS WILL BE REQUIRED.

AN **A** IS ≥ 450 POINTS, $449 \leq \mathbf{B} \leq 400$, $399 \leq \mathbf{C} \leq 350$, ≤ 349 **D**.

OFF. HRS: MY OFFICE HOURS ARE TBA...MY OFFICE IS ALSO TBA. YOU CAN CONTACT ME BY EMAIL AT reeves@bio.fsu.edu.

HONOR CODE: YOU MUST UNDERSTAND AND UPHOLD THE ACADEMIC HONOR CODE, WHICH IS PUBLISHED IN THE FLORIDA STATE UNIVERSITY GENERAL BULLETIN AND IN THE STUDENT HANDBOOK. THE ACADEMIC HONOR SYSTEM OF FSU IS BASED ON THE PREMISE THAT EACH STUDENT HAS THE RESPONSIBILITY TO: (I) UPHOLD THE HIGHEST STANDARDS OF ACADEMIC INTEGRITY IN THE STUDENT'S OWN WORK, (II) REFUSE TO TOLERATE VIOLATIONS OF ACADEMIC INTEGRITY IN THE UNIVERSITY'S COMMUNITY, AND (III) FOSTER A HIGH SENSE OF INTEGRITY AND SOCIAL RESPONSIBILITY ON THE PART OF THE UNIVERSITY COMMUNITY. A STUDENT VIOLATING THE HONOR CODE ON ANY ASSIGNMENT OR EXAMINATION IN ISC 2937 WILL RECEIVE A MINIMUM PENALTY OF A ZERO (0) FOR THAT ASSIGNMENT OR EXAM AND MAY RECEIVE A GRADE OF "F" FOR THE COURSE AT THE DISCRETION OF THE INSTRUCTOR.

AMERICANS WITH DISABILITIES ACT: STUDENTS WITH DISABILITIES NEEDING ACADEMIC ACCOMMODATION SHOULD: (1) REGISTER WITH AND PROVIDE DOCUMENTATION TO THE STUDENT DISABILITY RESOURCE CENTER; (2) BRING A LETTER TO THE INSTRUCTOR INDICATING THE NEED FOR ACCOMMODATION AND WHAT TYPE. THIS SHOULD BE DONE DURING THE FIRST WEEK OF CLASS. FOR MORE INFORMATION ABOUT SERVICES AVAILABLE TO FSU STUDENTS WITH DISABILITIES, CONTACT THE STUDENT DISABILITY RESOURCE CENTER.