MAY 16 - MAY 20 2016
WEEK EIGHT

THIS WEEK IN BI 103

TUESDAY LECTURE

Human Life Cycles
Common misconceptions and recent research on human development.

THURSDAY LECTURE

Parasites & Pathogens
Parasites: worms, arthropods, viruses, bacteria, & protists.

RECITATION

Homeostasis
Conclude the endocrine system with the control of blood sugar.

LABORATORY

Parasites & Pathogens
A tour through organisms that cause disease in humans.

TEXTBOOK READINGS

296-299; 366-369; 374-375
Infections and immune disorders, including HIV and AIDS

Work Ahead for HIV and AIDS
Read p. 296-299 in Human Body.

From the readings, list the impacts of aging on various organ systems.

Work Ahead for Infectious Diseases and Immune Disorders
Read p. 366-369 in Human Body.

Describe the three steps of how a virus attacks the body (p. 367)

Besides living in humans, Plasmodium is found in __________ (p. 368).

What are the two groups of fungi that infect humans? (p. 369)

Work Ahead for HIV and AIDS
Read p. 374-375 in Human Body.

AIDS stands for:

HIV stands for:

What type of cell does HIV attack?
Work Ahead for Recitation

Read over Homeostasis in the activity manual.

(p. 135) When blood glucose levels increase, _____ is released from the pancreas.

Answer question #1, p. 135 using the information written on the page.

(p. 136) When blood glucose levels decrease, _____ is released from the pancreas.

Answer question #2, p. 136 using the information written on the page.

Work Ahead for Laboratory

From Parasites and Pathogens in the activity manual, answer the following questions.

Approximately __________ of humans are infected with worms (p. 141).

From question #1, p. 141, list three types of worms that infect humans.

Animals that carry other disease organisms and transmit them to humans are called _____ (question #2, p. 142). What are two examples of vector animals?

What protist (protozoa) cause “beaver fever”? (p. 143) __________

What are the three main types/categories of bacteria? (p. 144)

Portfolio #3 is due next Monday, May 23. Portfolios can be turned in early, Thursday or Friday this week, 133 Weniger