

THIS WEEK IN BI 103

EXAM #1 IS MONDAY MAY 11, 7:00 - 7:50 P.M.

TUESDAY LECTURE



Endocrine System

The organs, hormones they produce, and relationship to stress.

THURSDAY LECTURE



Cancer

The story of how "normal" cells in the human body can become cancer cells.

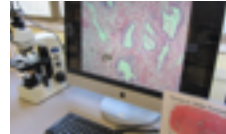
RECITATION



Endocrine and Memory

Organs that produce hormones and impacts on memory.

LABORATORY



Cancer

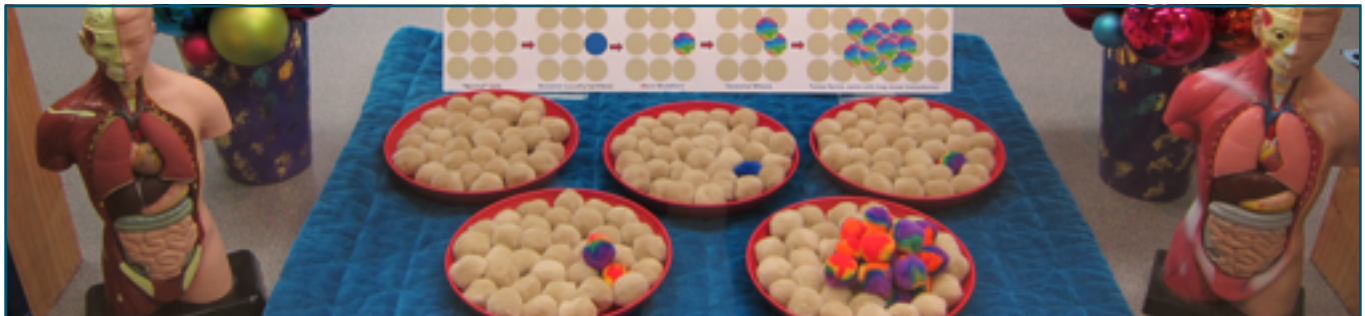
Cancers of the reproductive organs as well as treatment options.

TEXTBOOK READINGS



158-167; 250-255; 412-421; 426-429

Endocrine and reproductive systems, cancer.



Work Ahead for Tuesday's Lecture

Read p. 158-167 in *Human Body* and for each of these endocrine organs, state where they are located and the hormones they produce:

Pituitary Gland:

Adrenal Glands:

Pancreas:

Thyroid & Parathyroid Glands:

Testes & Ovaries:

Work Ahead on Textbook Readings

Review 250-255, 412-421, and 426-429 in *Human Body* for the following questions.

What are the primary functions of the testes, ovaries, and breasts?



More on Memory in the recitation room window this week.

List diseases that can occur in the reproductive organs.

Describe how cancer cells behave differently than "normal" (noncancerous) cells.

Work Ahead for Recitation

In the **activity manual**, read over *Endocrine Organs* to answer these questions.

Answer “What is a hormone” (question #1, p. 121) using p. 159 and p. 166 in *Human Body*.

The pituitary gland is often called the “master gland” because it sends out hormones that impact many other endocrine organs in the body. Using p. 160-161 in *Human Body*, fill in the answers to question #3, p. 122, the organs impacted by anterior pituitary hormones.



Why are nutrients important for forming memories? (hint: think about what needs to physically form between neurons).

Work Ahead for Laboratory

In the **activity manual**, read over *Cancer* to answer these questions.

From reading over the lab, which cancers are each of these tests used to detect?

Mammogram:

Pap Test (Pap Smear):

PSA Test:

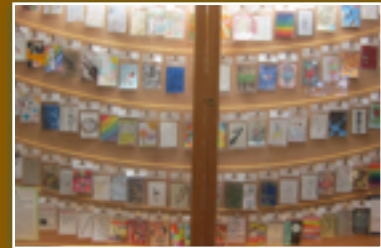
TSE (p. 132):

You can work ahead on the *Cancer Risk Analysis* portfolio assignment, p. 134. Select three cancers from their choices, be aware that some of the cancer assessments are for specific genetic gender (prostate for males only, ovarian and cervical for females only, breast is for females only, although it can occur in males).

If your exam #2 results are not as high as you would like... First, reflect on your studying for this exam; do you see ways to improve studying for the final exam? Next, seek assistance from the Teaching Team ([office hours](#) are posted at the course website).

Portfolio #2 scores and updated lecture puzzle scores will be posted on Blackboard Wednesday evening this week.

Finish this Term Strong



Art About Science: The art card about a favorite science experience portfolio assignment (introduced in last week’s recitation) is worth four points and a good activity to complete early. Cards will be available in lab and recitation this week.



Learning Reflection: This week in recitation you will be introduced to a portfolio assignment on factors that can impact learning.

Look Ahead: Approximately 10 of the 60 questions on the final exam are cumulative. These are over material covered repeatedly in the course.