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# ANAT 7120

## Anatomy Research Seminar I

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Fall 2017  
August 7 – December 17,  
2017

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### Goals

1. To learn and understand recent advances in biomedical sciences;
2. To develop critical thinking, literature search, and presentation skills.

### Course format

This is a seminar style course. Students are expected to attend SCB department seminars (on selected Wednesdays at noon, room 3022, SOM) and Tulane Cancer Center seminars (on selected Thursdays at noon, LCRC building 1st floor). For specific seminars please see ANAT 7120 Fall 2014 schedule on page 2.

Following each seminar, students must submit a written 0.5-1 page long evaluation of the seminar topic for grading.

The evaluation should:

- (a) demonstrate an understanding of the material in the seminar presentation; and
- (b) identify the relevance of the seminar to physiology and/or disease.

The evaluation may also take into account points raised during the question-answer discussion section of the seminar presentation. Evaluations should be submitted no more than **7 days** after the presentation date. No points will be given for submissions that arrive later than **7 days** after the seminar presentation date.

- 10 evaluation submissions are expected from each student during the course.
- Each student is expected to give a 15-minute presentation on one of the topics selected by the course director.
- Each student is expected to participate in the discussions of presentations by their classmates.

### Grading

There is no written test or examination in this course. Final grade for the course will be calculated based on the quality of presentation (20%), participation in the discussion (10%), and quantity and quality of the submitted evaluations (70%).

Presentations will be graded based on the quality of slides and clarity and relevance of the presented information.

### Course Director:

Dr. Victoria Belancio

### Credits: 2

### Dates of class:

Wednesdays 12:00-1:00pm  
Thursdays 12:00-1:00pm

### SCB seminars and Cancer Seminars Fall 2017

Will be announced through emails and also see p2.

### Required:

Attend seminars  
Submit evaluation to [vperepe@tulane.edu](mailto:vperepe@tulane.edu)  
Topic presentation  
Participation in the discussions

### Grades

	Quality	% grade
10 evaluations	good	70%
1 presentation	good	20%
discussion	good	10%
total		100%

### Final grades:

91-100 A  
81-90 B  
71-80 C  
61-70 D

Final grades will be posted in Canvas at the end of the course

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Dates

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### Presentation topics

1. History of medicine (roots and progress)
2. Modern history of medical research (major discoveries and breakthroughs, Nobel laureates in Medical sciences)
3. Progress in cancer treatment over the last 20-30 years (overview or can be focused on a specific cancer)
4. Genetics of cancer
5. Infectious diseases (bacterial, viral, vaccines, current challenges)
6. Psychiatric disorders/treatment philosophies
7. Evolution of surgery and surgical instruments (can be general or specific to a particular surgery)
8. Clinical trials (from bench to bedside)
9. Human health and nutrition
10. Human health and exercise
11. Progress in in vitro fertilization, ethical debate
12. Health care (different types, country-specific)
13. Genetic counseling
14. History of and progress in organ transplantation
15. History of and progress in HIV diagnosis, treatment, and prevention
16. World Health Organization

### **Presentations:**

Presentation time is 15 min per person followed by a 5-minute class discussion.

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# Evaluation Submission Form

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**ANAT 7120**  
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**Presenter Name/Institution:** \_\_\_\_\_

**Seminar title:** \_\_\_\_\_

**Seminar date:** \_\_\_\_\_

**Evaluator's name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**1. Key points of new knowledge/technology that you learn from the seminar.** Provide at least 5 bullet points of new knowledge/technology that you learn from this seminar

- 1.
- 2.
- 3.
- 4.
- 5.

**2. Written summary of the presentation.**

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