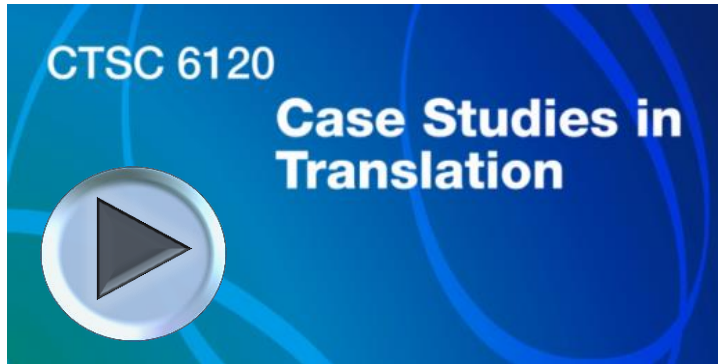


CTSC 6120

Case Studies in Translation

Faculty: Anthony Windebank, M.D. and Alexandra Greenberg, Ph.D., M.P.H.
Credits: 2
Quarter: Winter
Prerequisites: None



Overview

The course will explore the process by which fundamental discoveries move from the first demonstration of an experimental observation to a widespread use in medicine and public health. Examples will be chosen to represent the different classes of discovery that lead to improved health.

Objectives

At the end of this course, students will be able to:

- Define the clinical translational spectrum
- Explain how fundamental discoveries have improved the health of the community using specific examples
- Identify the scientific and societal forces that either drive a discovery to implementation or stand in its way
- Analyze the role of these scientific and societal forces in successful translation of a discovery to the clinic/population
- Construct a framework for successful translation of a discovery using conclusions from the different modules
- Propose new policies or practices that will accelerate the speed of implementation of discovery

Evaluation

Grades for this course will be based on a case presentation which will consist of a talk, PowerPoint slides, and the average of your peers' critiques of your presentation, 9 critiques of fellow classmates' presentations, submission of three multiple choice exam questions based on your case topic, and a final exam.

Students will be expected to spend approximately four to six hours per week on content from this 2-credit course.

For specific dates and times this course is provided, please see the [quarterly detailed course schedule](#).