

Intellectual Property, Technology Transfer, and Commercialization Practicum (TSCI 5079)

Class time: Variable

Course Director: Leonid Bunegin

DESCRIPTION

To be successful in bringing medical technology to the market, a variety of technical, financial, and management skill must be brought to bear while translating basic research into market driven products. This course will offer students the opportunity to develop specific skills through direct engagement in the development of a startup company. The student will develop strategies for protection of intellectual property, prepare documentation for provisional and utility patent applications, develop executive summaries and business plans, estimate market size, assemble and assist in the delivery of “the Pitch”, identify funding sources and prepare applications.

LEARNING OBJECTIVES

- Understand concepts of intellectual property and its protection
- Identify basic principles of technology transfer and startup creation.
- Explore development and fundraising and commercialization strategies
- Create investor presentations
- Conduct market analysis

GRADING

Course grades will be based on:

Discussion Participation 50%

Assignments and Case Presentations 50%

Students will be assigned a pass/fail grade based on their performance. Students are expected to complete all readings, engage in discussion at every class and participate in field trips and case presentations.

CREDIT HOURS

0.5 credit

PREREQUISITES

None.

FORMAT

The course will consist of mainly of informal discussion of various topics and activities relating to successful startup generation, and direct involvement in those activities.