

Pharmaceutical Enterprise (ME:200.708)

Fall 2017

Course Director: Takashi Tsukamoto (ttsukamoto@jhmi.edu)

Location: Rangos Building Room 590

Time: 10:00 AM – 11:30 AM

Dates: Every Friday 9/1/2017-12/15/2017

1. Course Summary

“Pharmaceutical Enterprise” is a discussion-driven and highly interactive course designed to provide students with greater insights into a range of topics related to the pharmaceutical enterprise. The course consists of seven modules, each of which begins with a pre-lecture discussion session proceeded by a lecture by an expert in the given subject, and post-lecture discussion session. This 3-segment format enables students to digest the topic thoroughly and gain in-depth knowledge through peer discussion and interaction with lecturers. The course is particularly suited for individuals interested to advance their career in the pharmaceutical sector.

Grades will be determined by class participation (50%) and one lecture report assignment (50%). No prior knowledge in drug discovery is required. This course is recommended for students in the 2nd or subsequent years of their graduate program, postdoctoral fellows, and faculty members. Blackboard will be used to communicate with students, share course materials, make announcements, submit assignments, and post grades.

2. Course Schedule

Topic	Date	Activity
Introduction	9/1	Course opening remarks by Course Director
Module 1: Intellectual Properties	9/1	Pre-Lecture Discussion Session
	9/8	Lecture by Guido Galvez (Johns Hopkins Technology Ventures)
Module 2: Testing Drugs in Humans	9/15	Post-Lecture Discussion Session
	9/15	Pre-Lecture Discussion Session
	9/22	Lecture by Heather Fraser (Cerecor)
Module 3: Drug Manufacturing	9/29	Post-Lecture Discussion Session
	9/29	Pre-Lecture Discussion Session
	10/6	Lecture by Mark Schenerman (MedImmune)
Module 4: Clinical Development Success Rates	10/13	Post-Lecture Discussion Session
	10/13	Pre-Lecture Discussion Session
	10/20	Lecture by David Thomas (Biotechnology Innovation Organization)
Module 5: The Story of Cardioxyl	10/27	Post-Lecture Discussion Session
	10/27	Pre-Lecture Discussion Session
	11/3	Lecture by John Toscano (Johns Hopkins University)
Module 6: Venture Philanthropy	11/10	Post-Lecture Discussion Session
	11/10	Pre-Lecture Discussion Session
	11/17	Lecture by Robert J. Beall (Formerly with Cystic Fibrosis Foundation)
Module 7: Drug Pricing	12/1	Post-Lecture Discussion Session
	12/1	Pre-Lecture Discussion Session
	12/8	Lecture by Gerard Anderson (Bloomberg School of Public Health)
	12/15	Post-Lecture Discussion Session

Important information for students with disabilities: All students with disabilities who require accommodations for this course should contact Catherine L. Will, Disability Services Coordinator for Graduate Biomedical Education (cwill@jhmi.edu or 410-614-3781) at their earliest convenience to discuss their specific needs. Please note that accommodations are not retroactive.