

HCMG 900A

PROSEMINAR IN HEALTH SERVICES RESEARCH – MODELS AND METHODS

Fall 2021

Tue/Thurs, 10:15-11:45 AM

CPC Chestnut Room

Guy David

Health Care Management Department

The Wharton School

Room 305 Colonial Penn Center

Phone: 215.573.5780

E-mail: guydavid2@wharton.upenn.edu

Liisa T. Laine (TA)

E-mail: laine1@wharton.upenn.edu

This course is intended to provide entering doctoral students with the tools necessary to develop theoretical models on a variety of topics in health economics. The lectures will cover a variety of health economics models, methods, and topics valued and used by faculty in our field. These theoretical building blocks may lead into the second-semester/summer “article” assignment for all first year students.

The course will include a survey of theoretical models often used by health economists as well as lectures from health economics and health services research faculty at Penn. Students will be asked to construct economic models and present them in class in a workshop style. Some of the assignments will be performed individually and some in groups.

Students will be also asked to build a theoretical model and expand it into a final course presentation. This is intended to serve as a first step in preparation of the “article” students are to write the following summer.

Course Grade. Course assignments 50%, Final course presentation 50%

Course Schedule

Tuesday, August 31:	Course introduction (part I)
Thursday, September 2:	Course introduction (part II)
Tuesday, September 7:	The role of models: why theory?
Thursday, September 9:	The role of models: how to write theory
Tuesday, September 14:	<i>Student presentations (PS #2)</i>
Thursday, September 16:	Firm objectives (nonprofit hospitals)
Tuesday, September 21:	Firm objectives (cont.)
Thursday, September 23:	<i>In class workshop for PS #3</i>
Tuesday, September 28:	Firm objectives (cont.)
Thursday, September 30:	<i>Student presentations (PS #3)</i>
Tuesday, October 5:	Human capital and specialization
Thursday, October 7:	Income Target Model
Tuesday, October 12:	Liisa T. Laine
Tuesday, October 19:	<i>Student presentations (PS #4)</i>
Thursday, October 21:	Spatial Modeling
Tuesday, October 26:	<i>Student presentations (PS #5)</i>
Thursday, October 28:	Optimal patent protection and competition
Tuesday, November 2:	<i>Student presentations (PS #6)</i>
Thursday, November 4:	Theory of Insurance
Tuesday, November 9:	<i>Student presentations (PS #7)</i>
Thursday, November 11:	Theory of Insurance (cont.)
Tuesday, November 16:	Hummy Song (Operations)
Thursday, November 18:	Iwan Barankay (Management)
Tuesday, November 23:	Tong Liu (Finance)
	---- THANKSGIVING BREAK ----
Tuesday, November 30:	Liisa T. Laine
Thursday, December 2:	<i>Student presentations (Final)</i>
Tuesday, December 7:	<i>Student presentations (Final)</i>
Thursday, December 9:	<i>Student presentations (Final)</i>
