Module 2: Elementary and Secondary Education  
Class Schedule and Reading List  
(* = required)  

Section 1: Test based accountability  

Class 14 – Introduction to school accountability  

Readings  


Class 15 – Introduction to Interrupted Time Series Designs  

Readings  


Class 16 – No Child Left Behind  

Readings  


Class 17 – Other approaches to school accountability  

Readings  

Section II: Teacher-Related Policies

Class 18 – An Intro to Teacher-Related Policies

Readings


Class 19 - Teacher Value-Added Measures

The goal of this class is to introduce students to the conceptual underpinnings of teacher value-added measures as well as the technical estimation of these measures. We will also discuss potential concerns with using value-added measures for policy purposes.


*“Problems with the Use of Student Test Scores to Evaluate Teachers.” Economic Policy Institute, Policy Brief 278, August 2010.


The Carnegie Knowledge Network, sponsored by the Carnegie Foundation on Teaching and Learning, has produced a series of brief reports that provide a good overview of many topics related to VAM. http://www.carnegieknowledgenetwork.org/knowledge-briefs/
Some key articles on the current debates


Rothstein, Jesse (2014). Revisiting the Impact of Teachers: Response to CFR


Rothstein, Jesse (Oct 2015). Revisiting the Impact of Teachers (updated)

Classes 20 & 21 – Teacher Evaluation

The goal of this class is to discuss different approaches for evaluating and providing feedback to teachers. We will learn about the underlying theory behind them and the empirical evidence regarding the effects of such evaluation.

Readings

Each student will be assigned one of the readings below. In class, students will split into groups to discuss the readings, and then present them to the rest of the class.


*Glazerman, Steven, Ali Protik, Bing-ru Teh, Julie Bruch, Jeffrey Max and Elizabeth Warner. 2013. Transfer Incentives for High-Performing Teachers: Final Results from a Multisite Randomized Experiment. United States Department of Education.


**Class 22 – A Brief and Selected Discussion of Psychometrics**

**Readings**


*Evidence Speaks note on student test scores (August 11, 2016)

*Comments by Andrew Ho
Section III – Technology and Education

Class 23 – An introduction to technology and education

Readings


Class 24 – Technology and the Education Production Function

Readings


Class 25 – Educational technology outside the classroom

Each student will be assigned one set readings below. In class, students will split into groups to discuss the readings, and then present them to the rest of the class.

Readings

Set 1 –


Set 2 –

*Read about MyTeachingPartner (MTP) at http://curry.virginia.edu/research/centers/castl/mtp


Set 3 -

*Peter Bergman, Chana Edmond-Verley and Nicole Notario-Risk. “Parent Skills and Information Asymmetries: Experimental Evidence from Home Visits and Text Messages in Middle and High Schools.”

Peter Bergman. “Parent-Child Information Frictions and Human Capital Investment: Evidence from a Field Experiment Investment”

Peter Bergman. “Technology Adoption in Education: Usage, Spillovers and Student Achievement”