

ECONOMICS OF MANAGEMENT, INNOVATION, AND PRODUCTIVITY

Instructor:

Professor Michela Giorcelli, UCLA and NBER

Email: mgiorcelli@econ.ucla.edu

Proposed Class Time and Location:

Mondays, Wednesdays, Fridays, time TBD

Course Overview:

This course aims to integrate economic analysis with closely related studies of management, innovation, and productivity. Classes will include both classic papers related to the topic we are studying as well as one or two new cutting-edge research papers related to that topic.

Course Requirements:

1. Class attendance (10% of grade): each student is required to read the main reading papers. Each student is required to send me three slides on that paper indicating 3 strengths of paper, 3 weaknesses of the paper, and 3 suggestions for improvement or ideas for further research.
2. Problem Sets (30% of grade): there will be three problem sets due at the end of each class week.
3. Final Exam (60% of grade): there will be a final exam in the form of exercise, similar to the problem sets.

To pass the course it is necessary to attend at least 80% of the lectures.

Proposed Schedule of Readings and Assignments:

	Topic	Papers
Week 16/05-20/05	The Productivity Puzzle	
Monday 16	What Determines Productivity?	<ul style="list-style-type: none"> • “What determines productivity”, Chad Syverson, (2011), <i>Journal of Economic Literature</i> • “Reallocation, firm turnover, and efficiency: selection on productivity or profitability”, Lucia Foster, John Haltiwanger and Chad Syverson (2008), <i>American Economic Review</i>.
Wednesday 18	Technology Adoption and Firm Productivity	<ul style="list-style-type: none"> • Pavcnik, Nina, “Trade Liberalization, Exit, and Productivity Improvements: Evidence from Chilean Plants,” <i>Review of Economic Studies</i>, 2002, 69 (1), 245–276. • Goldberg, Pinelopi K., Amit K. Khandelwal, Nina Pavcnik, and Petia Topalova, “Trade Liberalization and New Imported Inputs,” <i>American Economic Review</i>, 2009, 99 (2), 494–500.
Friday 20	Technology Transfer and Industrial Policies	<ul style="list-style-type: none"> • Giorcelli, Michela, and Bo Li. 2021. “Technology Transfer and Early Industrial Development: Evidence from the Sino-Soviet Alliance,” <i>Working Paper</i>. • Mostafa, Romel and Steven Klepper, “Industrial Development Through Tacit Knowledge Seeding: Evidence from the Bangladesh Garment Industry,” <i>Management Science</i>, 2018, 64 (2), 495–981.
		PROBLEM SET 1 DUE
Week 23/05-27/05	Management and Productivity	
Monday 23	Measuring Management Practices	<ul style="list-style-type: none"> • “Measuring and Explaining Management Practices across Firms and Countries”, Bloom, Nicholas, and John Van Reenen (2007), <i>Quarterly Journal of Economics</i>

		<ul style="list-style-type: none"> • “Why do we undervalue Competent Management”, Raffaella Sadun, Nicholas Bloom, and John Van Reenen, September-October 2017, <i>Harvard Business Review</i>
Wednesday 25	The Causal Effects of Management Interventions	<ul style="list-style-type: none"> • “Does management matter: evidence from India” Nicholas Bloom, Benn Eifert, Aprajit Mahajan, David McKenzie and John Roberts, (2013), <i>Quarterly Journal of Economics</i> • Giorcelli, Michela. 2019. “The Long-Term Effects of Management and Technology Transfers,” <i>American Economic Review</i>, 109(5): 121-52.
Friday 27	Scalability of Management Interventions	<ul style="list-style-type: none"> • Bianchi, Nicola, and Michela Giorcelli. 2021. “Dynamic and Spillover Effects of Management Interventions,” <i>Journal of Political Economy</i>, accepted. • Iacovone, Leonardo, William Maloney, and David J. McKenzie. 2021. “Improving Management with Individual and Group-Based Consulting: Results from a Randomized Experiment in Colombia.” <i>Review of Economic Studies</i>, forthcoming. <p>PROBLEM SET 2 DUE</p>
Week 30/05-03-06	Innovation and Productivity	
Monday 30	The Role of IT on Firm Performance	<ul style="list-style-type: none"> • “How Does Information Technology Really Affect Productivity? Plant-Level Comparisons of Product Innovation, Process Improvement and Worker Skills”, Ann Bartel, Casey Ichniowski and Kathryn Shaw, (2007), <i>Quarterly Journal of Economics</i>, 1721-1758. • Bloom, Nicholas, Raffaella Sadun, and John Van Reenen. 2012. "Americans Do IT Better: US Multinationals and the Productivity Miracle." <i>American Economic Review</i>, 102 (1): 167-201.
Wednesday 2	Patents and Innovation	<ul style="list-style-type: none"> • Moser, Petra. 2005. "How Do Patent Laws Influence Innovation? Evidence from Nineteenth-Century World's Fairs." <i>American Economic Review</i>, 95 (4): 1214-1236.

		<ul style="list-style-type: none"> • Alex Bell, Raj Chetty, Xavier Jaravel, Neviana Petkova, John Van Reenen, Who Becomes an Inventor in America? The Importance of Exposure to Innovation, <i>The Quarterly Journal of Economics</i>, Volume 134, Issue 2, May 2019, Pages 647–713
Friday 4	Copyright and Creativity	<ul style="list-style-type: none"> • Giorcelli, Michela, and Petra Moser. 2020. “Copyright and Creativity: Evidence from Italian Opera in the Napoleonic Age,” <i>Journal of Political Economy</i>, 128(11): 4163-210. • Oberholzer-Gee, Felix, and Koleman Strumpf. 2007. “The Effect of File Sharing on Record Sales: An Empirical Analysis.” <i>Journal of Political Economy</i>, 115 (1): 1–42. <p>PROBLEM SET 3 DUE</p>
TBD	FINAL EXAM	