

Olivia Ozlem Mesta, Ph.D. in Econ., MSc. in Math., MBA

Continuing Lecturer

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Citizenship: Canadian Citizen

Education

Ph.D. in Economics	University of Missouri-Columbia, Missouri, USA May 2009, <i>Advisor:</i> X. H. Wang, Dissertation committee members: O. Loginova and R. Ratti from Economics Department K. Makarov and Y. Latushkin from Mathematics Department
MBA	Finance emphasis Dec. 2006, University of Missouri-Columbia, Missouri, USA
M.Sc.	Master in Applied Mathematics Dec. 2004, University of Missouri-Columbia, Missouri, USA
M.Sc.	Master in Mathematical Engineering May 2000, Istanbul Technical University, Istanbul, Turkey
B.Sc.	Bachelor of Science in Mathematics May 1997, Istanbul University, Istanbul, Turkey

Academic Appointments

July 2018- present	Continuing Lecturer Department of Economics, University of Waterloo
July 2014- 2018	Definite Term Lecturer Department of Economics, University of Waterloo
July 2013 – June 30, 2014	Assistant Professor (Full time Limited term appointment) Department of Economics, McMaster University, CANADA
Sep. 2009- Sep. 2013	Assistant Professor (Full time Limited term appointment) Department of Economics, Wilfrid Laurier University, CANADA
Spring 2010 and Fall 2012	Sessional Lecturer Department of Economics, University of Waterloo, ON, CANADA
Aug 2002- May 2009	Teaching Assistant (taught as an instructor) Department of Mathematics, University of Missouri-Columbia, USA

Jan 2006- June 2006 **Teaching Assistant** (taught tutorial sessions)
Department of Economics, University of Missouri-Columbia, USA

Feb 1998 – Nov 2001 **Teaching Assistant** (taught tutorials sessions)
Mathematics Department, Istanbul Technical University, TURKEY

Research Interests

I am an applied micro-economist with interests in industrial organization. I have studied the effect of entry on the efficiency of different types of market structures. In particular, the conditions under which entry creates inefficiencies in oligopoly markets when firms engage in either Cournot (quantity) or Bertrand (price) competition. In my dissertation, I examined the effect of *free* entry in Cournot markets. My results show that inefficiencies arise when entry is free and firms differ in their cost structures. It is only in the presence of non-identical firms that studying the inefficiencies created by free entry becomes an interesting problem. In my dissertation, I focused on entry biases in homogeneous good markets.

Research fields: Industrial Organization Theory, Microeconomics, Mathematical Economics.

Teaching Statement

There are three main factors that guide my teaching philosophy: critical thinking, active learning, and real world applications. My lectures are designed to ***promote critical thinking*** and to engage my students in ***active learning***. I relate the material covered in class to ***real world applications*** to show the applicability of the material covered in class so that students can later apply what they have learned in classroom to their jobs. I have also strived to give my students the ability and desire to be curious about the world around them. I have always aimed to give them the skills they need to pursue their dreams to explore the world around them so that they can build the future they desire.

Teaching fields: Mathematical economics, Microeconomics, Marketing, Financial Economics, Applied Business Economics, Money and Banking, Development Economics.

Teaching Experience

Taught a diverse set of courses at University of Waterloo, McMaster University, Wilfrid Laurier University in Canada, and University of Missouri-Columbia in the U.S. The list of course include:

- ✓ Introduction to Mathematical Economics
- ✓ Introduction to Microeconomics
- ✓ Business Finance 1
- ✓ Principles of Marketing and Consumer Economics
- ✓ Intermediate Microeconomic Analysis for Management
- ✓ Intermediate Microeconomics I-II / Applied Business Economics
- ✓ Economics of the Canadian Banking and Financial System

- ✓ Economic Development
- ✓ Intermediate Macroeconomic Analysis for Management
- ✓ College Algebra for Calculus Bound Students

Scholarly Activity

- Developed and taught in-person Marketing course at Stratford School of Interaction Design and Business. 2014-2020
- Developed Online Marketing course in Economics at University of Waterloo. 2019 and 2021
- Served on a variety of committees in the recent years in Economics including Ad-Hoc committee for the Management Studies Minor, DACA, Alumni and Student Relations Committee, Distinguished Lecture committee in Economics, Library rep at Stratford School of Interaction Design and Business, Social committee, Experiential & Interdisciplinary Learning committee.
- Developed online Economic development course EC207 OC in Wilfrid Laurier University 2013.
- Supervised the development of Online EC223 Economics of the Canadian Banking and Financial System course between September 2011 and February 2012 at Wilfrid Laurier University.
- Served in Petitions Committee of the School of Business and Economics at Wilfrid Laurier University from Fall 2011 to Fall 2013.
- Winter 2011: Officially took PhD level BU833 Empirical Asset Pricing course from Finance department at Wilfrid Laurier University to rejuvenate my background on asset pricing.
- Jul 2000 - Sep 2000: Mathematics summer school participant with fellowship, Interuniversity-ITALY.

Honors

- Teaching Assistant Scholarship 2001 – 2009 from University of Missouri.
- Honorable recognition in case competition “Integrated Functional Perspectives” in MBA program at University of Missouri in 2005
- The Chancellor’s List 2004 – 2005, University of Missouri.
- Aug 2001 - Aug 2002, Awarded Mathematics Department fellowship, University of Missouri-Columbia.
- May 1997, Top-ranked student in Mathematics, Istanbul University-TURKEY.