

BERNA TUNCAY

College of Administrative Sciences and Economics
Koç University, Rumeli Feneri Yolu, Sariyer 34450, Istanbul, Turkey
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EDUCATION

2014 Ph.D. in Economics	University of South Florida, FL, U.S.A.
2014 Graduate Certificate in Statistics and Mathematics	University of South Florida, FL, U.S.A.
2012 M.S. in Finance	University of South Florida, FL, U.S.A.
2011 M.A. in Economics	University of South Florida, FL, U.S.A.
2004 M.A. in Economics and Finance	Bogazici University, Istanbul, Turkey
2003 B.A. in Finance (Minor: Law)	Istanbul Bilgi University, Istanbul, Turkey

FIELDS OF INTERESTS

Health Economics, Industrial Organization, Applied Econometrics, Mathematical Statistics, International Economics and Finance, Applied Stochastic Models, and Experimental Design

ACADEMIC EMPLOYMENT

June 2016 – Present: Faculty Member at Department of Economics
Koç University, Istanbul, Turkey

January 2016 – June 2016: Visiting Assistant Professor of Economics
Bogaziçi University, Istanbul, Turkey

May 2014 – January 2016: Assistant Professor of Economics
IMT School for Advanced Studies Lucca, Lucca, Italy

May 2014 – January 2016: Research Associate
Center for Economics of Innovation, Regulation, and Competition Policy
AXES Laboratory for the Analysis of Complex Economic Systems, Lucca, Italy

April 2012 – March 2013: Research Scientist
Center for Applied Statistics, Health Economics, Public Policy
Moffitt Cancer Center and Research Institute, Florida, USA

HONORS & AWARDS-RESEARCH GRANTS & PROJECTS

2018 Teaching Excellence Appreciation, Koç University
2017 Teaching Excellence Appreciation, Koç University
2014 Provost's Award for Outstanding Teaching, University of South Florida (USF)
2013 Conference Travel Grants, USF Graduate Student & Professional Council
2013 Research Grants, Humane Studies' Hayek Fund for Scholars, The HIS
2013 5th Annual Post-Doctoral Scholar Research Symposium Award, USF Graduate School
2011 Graduate Student Challenge Grant, University of South Florida
2010-2014 Full Tuition Scholarship and Stipend, University of South Florida
2010 International Honor Society Award in Economics, Omicron Delta Epsilon
2009 Vernon H. Grigg Scholars Fund, University of South Florida
2003 Honors Certificate, Istanbul Bilgi University

PUBLICATIONS

Journal Articles

1. “A Comparison of Game-Theoretic Models for Parallel Trade of Pharmaceuticals” with Giorgio Stefano Gnecco and Fabio Pammolli. *International Game Theory Review*. April 2018.
2. “Prescribing Behavior of General Practitioners for Generic Drugs” with Sergio Pagano, Mario De Santis, and Pierpaolo Cavallo. *International Journal of Environmental Research and Public Health*. August 2020.
3. “Using Threshold Co-integration to Estimate Asymmetric Price Transmission in the Turkish Milk Market” with Ozgur Bor. *Mediterranean Journal of Economics, Agriculture and Environment*. (Forthcoming).
4. “Inequalities in Geographical Distribution and Workload of Obstetricians and Gynaecology Specialists by Gender in Turkey” with Burçay Erus. *Eastern Mediterranean Health Journal*. (Forthcoming).

Book Chapters

1. “New Money: Central Bank Digital Currencies” with Nazlı Karamollaoglu. *The Crypto (Digital) Currency*. Peter Lang Publisher. December 2018.
2. “Generic Competition and Price Regulation in Pharmaceuticals: Evidence from the European Union”. *Dynamic Optics in Economics: Quantitative, Experimental and Econometric Analyses*. Peter Lang Publisher. (Forthcoming).

Working Papers

1. “The Effect of Hosting 3.4 Million Refugees on the Health System in Turkey and Infant, Child, and Elderly Mortality Among Natives” with Murat Kırdar and Aysun Aygun.
2. “Generic Competition and Price Regulation in Pharmaceuticals: Evidence from Turkey” with Aysun Aygun and Esra Safak Yilmaz.
3. “Welfare Effects of Uniform and Differential Pricing Schemes: An Analysis through Quadratic Programming” with Giorgio Stefano Gnecco and Fabio Pammolli.
4. “Immigrants and the Use of Health Care: Evidence from Syrian Refugees in Turkey” with Can Ozen and Jesse Boardman Bump.

CONFERENCE AND SEMINAR PRESENTATIONS

1. Continuing Education Program in Health Economics, American Economic Association, January 2015, U.S.A
2. Financial Protection Monitoring Workshop: “Catastrophic out-of-pocket health expenditure in Turkey: Determinants and policy implications” with World Health Organization (WHO) Barcelona Office for Health Systems Strengthening, June 2017, Spain

3. Middle East Technical University, Seminar Series in Economics, May 2018, Ankara
4. American Hospital, Conference on Inequalities in Health Care and Health Policies, May 2018, Istanbul
5. 12th European (EUHEA) Conference on Health Economics, July 2018, Maastricht
6. Turkish Economic Association, International Conference on Economics, November 2018, Antalya
7. Koç University, Seminar Series in Economics, December 2018, Istanbul
8. Ozyegin University, Seminar Series in Economics, December 2018, Istanbul
9. Istanbul Bilgi University, Seminar Series in Economics, April 2019, Istanbul
10. University of South Florida, Seminar Series in Economics, August 2019, Tampa
11. Yıldız Teknik University, Seminar Series in Economics, October 2019, Istanbul
12. Bahcesehir University, Meeting on Human Capital: Economics of Education, Health, and Worker Productivity, October 2019, Istanbul
13. Sağlık ve Sigorta Yöneticileri Derneği 7. Ulusal Kongresi: Sürdürülebilirlik ve Dijitalleşme, November 2019, Antalya
14. Advanced Data Analytics Workshop, November 2019, Athens, Greece

CONSULTING SERVICES

1. Economic Impact of Digital Payment EcoSystem in Turkey – Interbank Card Center (ICC) – 2020
2. Economic Impact Analysis of Automotive Industry in Turkey – Automotive Manufacturers Association of Turkey – 2019
3. Digital Money in the Health Care Sector – (Confidential) – 2018 and 2019
4. The Macroeconomics of Central-Bank-Issued Digital Currencies - Central Bank of the Republic of Turkey – 2018
5. Pricing and Reimbursement of Pharmaceuticals in Regulated Markets - IMS and Republic of Turkey Ministry of Health – 2018
6. Catastrophic Health Expenditure in Turkey - World Health Organization Barcelona and Republic of Turkey Ministry of Health – 2017
7. Education Effects on Days Out of Work and Hospitalization: Evidence from Turkey - Economic Research Forum (ERF) and MENA Health Policy Forum – 2016
8. Shaping Pension System Reform in the United States – University of South Florida - 2015

9. Sustainable Welfare, Innovation and Competition in Health - European Federation of Pharmaceutical Industries and Associations (Efpia) – 2015
10. Cost-Effectiveness Analysis of Cancer Treatments -Moffitt Cancer Center and Research Institute – 2014

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

Member, American Economic Association
Member, Southern Economic Association
Member, International Health Economics Association
Member, University of South Florida Health Economics Research Society
Member, Omicron Delta Epsilon, International Honor Society in Economics
Member, The Econometric Society

COURSES TAUGHT

Koç University, Department of Economics

★ 2017, 2018 Teaching Excellence Appreciation

Health Economics; Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020
International Trade; Spring 2017, Spring 2018

Intermediate Microeconomics; Fall 2016, Summer 2017, Fall 2017, Spring 2018, Summer 2018, Spring 2019

Intermediate Macroeconomics; Summer 2016, Fall 2016, Summer 2017, Summer 2018

International Finance; Fall 2018

Introduction to Macroeconomics; Fall 2018, Fall 2019

Introduction to Microeconomics; Spring 2019

Introduction to Economics; Summer 2019

Independent Research in Applied Economics; Spring 2018, Summer 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020

IMT School for Advanced Studies Lucca, Department of Economics

Selected Topics in Economics (Graduate Level); Fall 2014, Spring 2015, Fall 2015

University of South Florida, Department of Economics

★ 2014 Provost's Award for Outstanding Teaching

Intermediate Macroeconomics; Summer 2010, Fall 2010

International Economics; Fall 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012

International Macroeconomics; Summer 2010, Spring 2011, Spring 2012

Principles of Macroeconomics; Summer 2012, Spring 2013, Summer 2013

Independent Research in Applied Economics; Spring 2012, Fall 2013

Principles of Microeconomics; Fall 2013, Spring 2014

The University of Tampa, Department of Finance

International Finance; Fall 2009

COMPUTER SKILLS

Stata • R • SAS • SPSS • E-Views • ArcGIS

PERSONAL INFORMATION

Citizenship: Turkish

Languages: Turkish (native language), English (fluent)