

Mustafa U. Karakaplan

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CITIZENSHIP STATUS

- Green Card – I am a Permanent Resident of the U.S.

PROFESSIONAL APPOINTMENTS

- Assistant Professor, NTL (2016 – 2017) Dept. of Economics, Georgetown University
- Lead Scientist (2014 – 2016) Utah State University
- Visiting Faculty (2012 – 2013) Dept. of Finance & Economics, Texas State University
- Research Assistant (2010 – 2012) Dept. of Economics, Texas A&M University
- Researcher (2009 – 2010) State of Texas Education Research Center
- Graduate Assistant (2007 – 2009) Texas A&M University

EDUCATION

- Ph.D. in Economics (2012) Texas A&M University, USA
- M.A. in Economics with thesis (2005) Bilkent University, Turkey
- B.S. in Economics (2003) Tilburg University, the Netherlands, and
Minor in Philosophy METU, Ankara, Turkey

FIELDS OF INTEREST

- **Economics:** Applied Economics, Public Economics, Labor Economics, Economics of Education
- **Econometrics:** Applied Econometrics, Statistical Methods, Modeling, Econometric Programming
- **Finance:** Banking, International Economics and Finance, General Finance, Financial Markets
- **Policy:** Applied Public Policy, Program Evaluation, Cost Effectiveness, Cost-Benefit Analysis

PUBLICATIONS AND REVISIONS

- “Endogenous Risk and U.S. Bank Efficiency” with L. Kutlu and M. G. Tsionas. *Revision requested. Journal of Money, Credit, and Banking*
- “Are We Looking at the Wrong End of the Bank Size Spectrum?” with P. Almanidis and L. Kutlu. *Revision requested, Round 2. Journal of Banking and Finance*
- “Market Power Using a Composed Error Model” with L. Kutlu. **Scottish Journal of Political Economy. 2018**
- “xtsfkk: Stata Module for Endogenous Panel Stochastic Frontier Models” Available at Boston College, Department of Economics, Statistical Software Components (SSC) S458445. 2018
- “School District Consolidation Policies: Endogenous Cost Inefficiency and Saving Reversals” with L. Kutlu. **Empirical Economics. 2018**

- “Endogeneity in Panel Stochastic Frontier Models: An Application to the Japanese Cotton Spinning Industry” with L. Kutlu. **Applied Economics**. 2017
- “Handling Endogeneity in Stochastic Frontier Analysis” with L. Kutlu. **Economics Bulletin**. 2017
- “Fitting Endogenous Stochastic Frontier Models in Stata” **Stata Journal**. 2017
- “sfkk: Stata Module for Endogenous Stochastic Frontier Models” Available at Boston College, Department of Economics, Statistical Software Components (SSC) S458029. 2015
- “School District Consolidation: Market Concentration and the Scale-Efficiency Tradeoff” with T. J. Gronberg, D. W. Jansen, and L. L. Taylor. **Southern Economic Journal**. 2015
- “Anticipating the Consequences of School District Consolidation in Major Metropolitan Areas. A Simulation Based on Cost Function Analysis” with L. L. Taylor, T. J. Gronberg, and D. W. Jansen. Texas Education Agency. 2014
- “The Effects of Multi-Dimensional Competition on Education Market Outcomes.” Doctoral dissertation, Texas A&M University. 2012
- “Costs, Competition, and Consolidation” with T. J. Gronberg, D. W. Jansen, and L. L. Taylor. A report prepared for the Education Research Center at Texas A&M University. 2010
- “The Conditional Effects of External Debt of Inflation” *Journal of Social and Economic Research*. 2009
- “The Effects of Aid on Foreign Direct Investment: The Roles of Governance and Financial Market Development.” Master’s Thesis, Bilkent University. 2005
- “Aid and Foreign Direct Investment: International Evidence” with B. Neyaptı and S. Sayek, Bilkent University Discussion Papers 05-05, 2005

PAPERS UNDER REVIEW

- “Prediction in Stochastic Frontier Models with Endogeneity” with L. Kutlu. *Under Review*.
- “Extended School Year Programming and Student: The StartSmart Evaluation of New Mexico’s K-3 Plus Program” with D. Cann, M. Lubke, and C. Rowland. *Under Review*.
- “Competition, Unions, and Education Personnel Salaries” *Under Review*.

WORKING PAPERS

- “Stochastic Risk Frontier Analysis of U.S. Banks” with L. Kutlu.
- “Assessing the Effects of New Mexico’s K-3 Plus Summer Learning Initiative on the Achievement of Students from Different Backgrounds” with D. Cann, C. Rowland, and M. Lubke.
- “The Cost Effectiveness of New Mexico’s K-3 Plus Summer Learning Initiative”
- “A Further Investigation of Competition on School District Cost Efficiency”
- “The Changes in the Linkage between Current and Lifetime Earnings over the Life-Cycle”
- “Gender, Migration, Remittances, and Household Expenditures” with G. S. Naufal.
- “Charter Schools: Education MASH Units?” with D. Ballou, T. J. Gronberg, D. W. Jansen, and M. G. Springer.

RESEARCH IN PROGRESS

- “Are Charter Schools More Cost Efficient?”
- “Education Sub-Markets and Student Mobility Decision.” with L. L. Taylor

GRANTS, CONTRACTS, AND CONSULTING

- **\$19,113,403. Co-Investigator.** External grant by the Investing for Innovation (i3) Fund of the U.S. Department of Education. “StartSmart New Mexico K-3 Plus Extended School Year Validation Study.” A multi-year large scale randomized control trial field experiment.
Project Achievements:
 - Managed the project.
 - Mentored junior staff.
 - Worked with government officials including the **U.S. Secretary of Education**.
 - Designed and implemented surveys.
 - Collected, cleaned, and analyzed data.
 - Trained and prepared teachers to implement the program.
 - Analyzed costs, benefits, and cost effectiveness.
 - Evaluated the policy and program.
 - Prepared annual and final reports. Conducted research on outcomes.
 - Provided legislative testimony to **the Senate**.
- **Consultant.** Confidential research on public school costs of diverse New York communities.
- **Principal Investigator.** External grant by the Houston Education Research Consortium, a research partnership between the Houston Independent School District and Rice University. “Education Sub-Markets and Student Mobility Decision.” Houston, Texas.

AWARDS AND HONORS

- Recognition for contribution to academic career, Georgetown University, 2017
- Recognition for contribution to academic career, Texas State University, 2012
- Student Led Award for Teaching Excellence, Texas A&M University, 2010
- Outstanding Teaching Award, Texas A&M University, 2009
- Senior Thesis Advisor Award, Texas A&M University, 2009
- Research Scholarship, Bilkent University, 2004 – 2005

TEACHING EXPERIENCE

- Taught in small (25-40 students), mid-sized (50-100 students), and large (200-650 students) classroom settings.
- Taught in completely online settings.

Full instructor of:

- Principles of Economics (10 semesters) Average Student Evaluations: 4.87 out of 5
- Money, Banking, Financial Markets (4 semesters) Average Student Evaluations: 4.78 out of 5
- International Economics (7 semesters) Average Student Evaluations: 4.81 out of 5
- International Finance (2 semesters) Average Student Evaluations: 4.83 out of 5

Teaching assistant of:

- Many courses including Public Economics, Labor Economics, Statistics, Econometrics, and Microeconomics.

ADVISING, MENTORING, AND SUPERVISING

Project supervisor for:

- Kevin Maloney, Georgetown University, 2017
- Denis Peralta (Ph.D. level), Utah State University, 2014-2015
- Hanh Tran (Master's level), Utah State University, 2014-2015
- Jillian E. Chappel, Utah State University, 2014-2015
- Joel Holguin, Utah State University, 2014-2015
- Karla Gomez Bido (Master's level), Utah State University, 2014
- Merlym M. Ramirez (Master's level), Utah State University, 2014
- Yamil Vargas Hedeman (Master's level), Utah State University, 2014

Internship mentor for:

- Crista R. Vance, Utah State University, 2014

Senior thesis advisor for:

- Ashleigh A. Newton, Texas A&M University, 2009
- Sarah Neusch, Texas A&M University, 2008

PROFESSIONAL PRESENTATIONS

- **Annual Meeting of the American Economic Association (AEA/ASSA), Boston, 2015**
- Annual Conference of the Association for Education Finance and Policy (AEFP), 2015
- Annual Meeting of the Southern Economic Association (SEA), 2014
- Fall Conference of the Association for Public Policy Analysis & Management (APPAM), 2014
- Fall Conference of the Society for Research on Educational Effectiveness (SREE), 2014
- Annual Meeting of the American Educational Research Association (AERA), 2014
- Annual Conference of AEFP, 2014
- Annual Meeting of SEA, 2013
- Department of Finance and Economics, Texas State University, 2012
- Annual Meeting of AERA, 2011
- Korea Institute for Industrial Economics and Trade (KIET), 2011
- Melbourne Institute of Applied Economic and Social Research, University of Melbourne, 2011
- Annual Meeting of SEA, 2010
- Private Enterprise Research Center (PERC), Texas A&M University (TAMU), 2010
- Texas Education Research Center (ERC), TAMU, 2010
- Annual Meeting of the Missouri Valley Economic Association (MVEA), 2010
- North American Productivity Workshop VI (NAPW), 2010

ACADEMIC ACTIVITIES

- Member of the American Economic Association (AEA)
- Member of the American Finance Association (AFA)
- Member of the Southern Economic Association (SEA)
- Member of the Association for Public Policy Analysis and Management (APPAM)

- Member of the Association for Education Finance and Policy (AEFP)
- Member of the American Educational Research Association (AERA)
- Member of the European Association of Labour Economists (EALE)

COMPUTER SKILLS

- Stata, SAS, MATLAB, C++, R, SPSS, Excel, SQL, Access
- Programming examples: Solo-authored Stata Module “sfkk: Stata Module for Endogenous Stochastic Frontier Models” Available at Boston College, Department of Economics, Statistical Software Components (SSC) S458029. 2015
“xtsfkk: Stata Module for Endogenous Panel Stochastic Frontier Models” Available at Boston College, Department of Economics, Statistical Software Components (SSC) S458445. 2018
- Applied Econometric Programming example: “Fitting Endogenous Stochastic Frontier Models in Stata” **Stata Journal**. 2017. The accompanying Stata command that I programmed for econometric analyses became a permanent part of Stata.

LANGUAGE SKILLS

- Turkish (native language), English (fluent), German (upper intermediate), Japanese (intermediate)

REFERENCES

- **Timothy J. Gronberg**
Department Head and Professor, Department of Economics
Texas A&M University, 979-845-7358, tgronberg@tamu.edu
- **Lori L. Taylor**
Department Head and Professor, Bush School of Government and Public Service
Texas A&M University, 979-458-3015, ltaylor@tamu.edu
- **Mike G. Tsionas**
Professor, Department of Economics
Lancaster University, m.tsionas@lancaster.ac.uk
- **Other references are available upon request.**