

## MURAT KHAIRZHAN-ULI MUNKIN

### CURRENT POSITION

Associate Professor (with tenure), since 2007  
Department of Economics, University of South Florida, Tampa

### ADDRESS

Department of Economics, University of South Florida, 4202 East Fowler Avenue, CMC 207B  
Tampa FL 33620-5500, USA  
Email: [mmunkin@usf.edu](mailto:mmunkin@usf.edu)  
Telephone: (813) 974 6517; Fax: (813 ) 974 6510;  
Web-site: <http://faculty.cas.usf.edu/mmunkin/>

### FIELDS OF INTEREST

Bayesian Econometrics; Microeconometrics; Health Economics; Islamic Economics

### PERSONAL DATA

Citizenship: USA  
Nationality: Kazakhstan  
Marital Status: Married, 4 children

### EDUCATION

Ph.D. in Economics (Econometrics), 2001  
Indiana University, Department of Economics, Bloomington, USA  
  
Diploma (Honors, GPA 4.82/5.00) in Mathematics (Probability Theory), 1993  
Moscow State University, Department of Mathematics and Mechanics, Moscow, Russia

### PREVIOUS POSITIONS

Visiting Associate Professor, 2010-2012  
Department of Finance and Economics, Qatar University, Doha, Qatar

Associate Professor (with tenure), 2007  
Department of Economics, University of Tennessee, Knoxville

Assistant Professor, 2001-2007  
Department of Economics, University of Tennessee, Knoxville

Associate Instructor, 1996-2001,  
Department of Economics, Indiana University, Bloomington

Lecturer (Calculus), 1993-1994  
Kazakh National Technical University, Almaty, Kazakhstan

### LANGUAGE EDUCATION

2010-2012	Arabic for Non-Native Speakers Program Qatar University, Doha, Qatar
1995	Intensive English Program Indiana University, Bloomington, USA

1994 Texas Intensive English Program  
Austin, Texas, USA

## AWARDS

2002 The Esther L. Kinsley Ph.D. Outstanding Dissertation Award  
2000 The Taulman A. Miller Best International Student Award  
Department of Economics, Indiana University, Bloomington, USA  
1991-1993 Best Student Scholarship for Excellent Performance,  
Moscow State University, Department of Mechanics and  
Mathematics, Moscow, Russia  
1986 Winner of Mathematical Journal "[Квант](#) (Quant)" Tournament, Russia  
1986 First place at Mathematical "[Tournament of Towns](#)", Soviet Union  
1984 Third place in Kazakhstan Republic's Mathematical Olympiad

## PUBLICATIONS

"Bayesian Estimation of Panel Data Fractional Response Models with Endogeneity: An Application to Standardized Test Rates", (2015), *Empirical Economics*, 49, 81-114 (with Lawrence Kessler)

"Estimating Incentive and Selection Effects in Medigap Insurance Market: An Application with Dirichlet Process Mixture Model", (2015), Forthcoming in *Journal of Applied Econometrics* (with Stewart Hu and P.K. Trivedi)

"Simulating the Contribution of a Biospecimen and Clinical Data Repository in a Phase II Clinical Trial: a Value of Information Analysis", *Statistical Methods in Medical Research* (2013) (with Benjamin Craig, Gang Han and David Fenstermacher)

"The Endogenous Sequential Probit Model: An Application to the Demand for Hospital Utilization", *Economics Letters*, (2011), 112, 182-185

"Recent Developments in Cross-Section and Panel Data Models of Event Counts," *The Handbook of Empirical Economics and Finance*, edited by David Giles and Aman Ullah, (2010), 87-131 (with P.K. Trivedi)

"Disentangling incentives effects of insurance coverage from adverse selection in the case of drug expenditure: a finite mixture approach", (2010), *Health Economics*, 19, 1093-1108. (with P.K. Trivedi)

"Demand for Cigarettes: A Mixed Binary-Ordered Probit Approach", (2010), *Applied Economics*, 42(4), 413-426 (with P. Kasteridis and S. Yen)

"A Bayesian Analysis of the OPES Model with a Non-parametric Component: Application to Dental Insurance and Dental Care," (2009), *Advances in Econometrics*, Volume 23: Bayesian Econometrics (with P.K. Trivedi)

"Bayesian Analysis of the Ordered Probit Model with Endogenous Selection," (2008), *Journal of Econometrics*, 143, 334-348 (with P.K. Trivedi)

"Private Insurance, Selection, and the Health Care Use: A Bayesian Analysis of a Roy-type Model," (2006), *Journal of Business and Economic Statistics*, 24, 403-415 (with P. Deb and P.K. Trivedi)

"Bayesian Analysis of the Two-Part Model with Endogeneity: Application to Health Care Expenditure," (2006), *Journal of Applied Econometrics*, 21, 1081-1099 (with P. Deb and P.K. Trivedi)

“Bayesian Analysis of Self-Selection Model with Multiple Outcomes Using Simulation-Based Estimation: An Application to the Demand for Healthcare,” (2003), *Journal of Econometrics*, 114, 197-220 (with P.K. Trivedi)

“The MCMC and SML Estimation of a Self-Selection Model”, *Computational Statistics and Data Analysis*, (2003), 42, 403-424

“Simulated Maximum Likelihood Estimation of Multivariate Mixed-Poisson Regression Models, With Application,” *The Econometrics Journal*, (1999), Volume 2, Issue 1, pp. 29-48., (with P.K. Trivedi)

## **PAPERS UNDER REVIEW AND WORKING PAPERS**

“The Effect of Total Capital on Asset Risks of Islamic Banks: the Endogenous Treatment Panel Data Model Approach”, under review in the *Review of Financial Economics* (with Syed Basher and Lawrence Kessler)

“Bayesian Analysis of the Roy Model with Count Outcomes: Finite Mixture Approach”

“Bayesian Analysis of the Multinomial Probit Model”

“Bayesian analysis of the Cross-Nested Dynamic Ordered Probit Model. Application: Federal Reserve Bank’s Rate Policy” (with Andrei Sirchenko)

“Bayesian Analysis of the Effect of Amnesties on Tax Revenues and Filing Rates Using a Longitudinal Data Model”

## **COURSES TAUGHT**

### Ph.D. courses:

Elements of Statistics

Elements of Econometrics

Time Series Econometrics

Special Topics in Microeconometrics

Bayesian Econometrics

Health Economics

### Undergraduate courses:

Algebra

Calculus

Mathematics for Business Students

Introductory Statistics

Introductory Microeconomics

Intermediate Microeconomics

Introductory Macroeconomics

Time Series Econometrics

Health Economics

## **GRANTS**

“Clinically enhanced multi-purpose administrative dataset for comparative effectiveness research in the State of Florida” Agency for Health Care Research and Quality, 2010-2013, (Co-PI with Hamisu Salihu)

“Effective Cancer Care: Building a Cancer CER Infrastructure”, from National Institute of Health, 2009-2010, (Consultant to David Fenstermacher and Benjamin Craig, Moffitt Cancer Center)

“U.S. Household Food Demand at Home”, from the US Department of Agriculture, 2007-2008 (Co-Principal Investigator with Steve Yen)

Scholarly Research Grant, College of Business Administration, University of Tennessee, 2001-2003 (Principal Investigator)

“Health Plan Choice and Utilization: The Role of Attributes”, from the Robert Wood Johnson Foundation, 2002-2003, (Consultant to P.K. Trivedi and P. Deb)

“The Impact of Managed Care on the Demand of Preventive and Curative Medical Services”, from the Agency for Healthcare Research and Quality, 2001-2002, (Consultant to P.K. Trivedi and P. Deb)

## **PROFESSIONAL ACTIVITIES**

### **Reviewer**

Folland, Sherman, Allen C. Goodman and Miron Stano. 2004. *The Economics of Health and Health Care*. Upper Saddle River, NJ: Prentice-Hall Inc.

### **Referee**

*Journal of Econometrics*

*The Econometrics Journal*

*Journal of Business and Economic Statistics*

*Journal of Applied Econometrics*

*Computational Statistics and Data Analysis*

*Health Economics*

*Economic Inquiry*

*Journal of the European Economic Association*

*The Review of Economics and Statistics*

## **PH.D. THESES ADVISING**

Shawn Strother, Ph.D., 2003, Department of Finance, University of Tennessee

Panos Kasteridis, Ph.D., 2008, (**Chair**), Department of Economics, University of Tennessee

Chris Jones, Ph.D., 2008, Department of Economics, University of South Florida

Rui Dai, Ph.D., 2009, Department of Economics, University of South Florida

Finnie Cook, Ph.D., 2009, Department of Economics, University of South Florida

Joe MacDougald, Ph.D. 2010, Department of Economics, University of South Florida

Stewart Hu, Ph.D. 2011, (**Chair**), Department of Economics, University of South Florida

Lawrence Kessler, Ph.D. 2013, (**Chair**), Department of Economics, University of South Florida

Dan Zhao, Ph.D. 2013, Department of Economics, University of South Florida

Natallia Gray, Ph.D. 2014, Department of Economics, University of South Florida

Joseph Mohr, Ph.D. 2014, Department of Finance, University of South Florida

Victoria Perk, Ph.D. (in progress) Department of Economics, University of South Florida

Robyn Kibler, Ph.D. (in progress) Department of Economics, University of South Florida

John Oryema, Ph.D. (in progress) Department of Economics, University of South Florida

Askar Nurbekov (Eurasian National University, Astana, Kazakhstan)

Aslanbek Murzahmetov (Kazakh National University, Almaty, Kazakhstan)

## **MA ORAL EXAMINATION COMMITTEE (between 2010-2015)**

Kylie Gross (2014)

Stephen Poteet (2014)

Eros Gautam (2014)  
Jessie Coe (2013)  
Janmarie Pena (2013)

### **SERVICE**

CAS Core Facilities Committee, 2014-2016  
CAS Computer Committee, 2009  
Department of Economics Research Committee (Chairperson), 2011-2013  
Department of Economics Faculty Hiring Search Committee, 2011-2013  
Department of Economics Committee A (Tenure and Promotion Committee)  
Department Development Committee  
Econometrics Qualifying Exam committee  
Committee on the Master's Program in Applied Economics jointly with the Department of Mathematics  
Seminar Series Committee (Chairperson), 2007-2010

### **SERVICE TO THE COMMUNITY**

Board member of the Tajweed Institute of Florida (2014-present)  
Mathematical club in the Universal Academy of Florida (2009)

### **LANGUAGES**

Kazakh (native), Russian (native), English (near native), Modern Standard Arabic (intermediate)