

YULY KOSHEVNIK, PhD

YULY KOSHEVNIK, PhD
MATHEMATICAL SCIENCES DEPARTMENT
THE UNIVERSITY OF TEXAS AT DALLAS
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Areas of Expertise

- Teach various **Actuarial Science, Mathematics and Statistics** courses (**Algebra, Calculus, Applied Calculus, Statistics, Linear Algebra, Real Analysis, Probability & Measure Theory, Advanced Inference, Large Sample Theory, Linear Statistical Models, and Non-Parametric Statistics**)

Teaching Experience

August 2005 to Present	The University of Texas at Dallas Senior Lecturer III / Professor of Education: since 2015 Senior Lecturer II: 2011 – 2015 Senior Lecturer I: 2005 – 2011 <ul style="list-style-type: none">– Graduate courses in Statistics (STAT 5351, STAT 6329, and STAT 6339)– Graduate courses in Actuarial Science (ACTS 6301, 6302, 6303, 6306, 6308, and 4308)– Mixed courses (STAT 4351, STAT 4352, and STAT 4382)– Undergraduate Statistics courses (STAT 3360, STAT 3332, STAT 1342, STAT 4382)– Applied Calculus (MATH 1326, MATH 5304)– Matrices and Vectors (MATH 2333)– Pre-Calculus (MATH 2312)– College Algebra (MATH 1314) and Trigonometry (MATH 1316)
May to August 2005	The University of Texas at Dallas Adjunct Lecturer <ul style="list-style-type: none">– Introductory Statistics (STAT 1342)
August 2003 to 2005	Richland College, Richardson, TX Adjunct Professor <ul style="list-style-type: none">– Taught College Algebra, Statistics, Advanced Calculus, Trigonometry, and Business Calculus
August 1991 to 1996	Southern Methodist University, Dallas, Texas Associate Professor of Statistical Science <ul style="list-style-type: none">– Directed Ph.D. dissertations with applications to reliability studies– Taught Statistics courses focused on modern analytical tools and biostatistical models– Participated in Biostatistics program development– Published papers in semi-parametric statistics– Research was supported by NSF grant

- 1984 to 1987 **Moscow Polytechnic Institute**
Associate Professor of Mathematics
- Taught graduate courses in Calculus, Statistics, and Operations Research
 - Taught undergraduate courses in Algebra, Elementary Statistics, and Probability

Other Professional Experiences

- 2001 to 2005 **SMART Consulting, Plano, TX, Principal Consultant**
- Provided private MATH tutoring at all levels
 - Consulted in Statistics for various companies
- 1996 to 2001 **MCI WorldCom Inc. Richardson, TX 75082**
Senior Statistical Analyst
- Conducted statistical analysis of network performance
 - Proposed analytical tools for network health analysis
 - Developed statistical process control tools
 - Designed quality of service reporting systems for network management
 - Performed forecasting for operation management and planning.
- 1990 to 1991 **Harvard University School of Public Health and Dana-Farber Cancer Institute Boston, Massachusetts Research Fellow, Biostatistics**
- Developed non-parametric estimation methodology from partially observed data
 - Contributed into stratified data analysis

Education

Moscow University School of Mathematics and Mechanics, Moscow, Russia

- Ph.D. in Mathematical Statistics (FCSA evaluated)
- MS in Mathematics and Applied Mathematics (FCSA evaluated)

Other Professional Activities

- Published a textbook “Probability and Statistics for Actuaries” (jointly with Professor Natalia Humphreys), COGNELLA Publishing (First Edition, 2021)
- Published a textbook “Fundamentals of Statistical Thinking: Tools and Applications” (based on the UT Dallas STAT 3360 course) for COGNELLA Publishing (Preliminary Edition in August 2016; First Edition in 2018)
- Member of the Institute of Mathematical Statistics (since 1991)
- IMS organizer and section chair at the Joint Statistical Meetings (Dallas, 1998)
- Over 40 publications in Nonparametric/Semiparametric Statistics and Applied Statistics
- Served as referee for papers submitted to various journals in Statistics
- Served as Committee member for PhD dissertations in SMU and UT Dallas.
- Submitted letters of recommendation for graduate and undergraduate UT Dallas students

Personal US Citizen since 1996