BIOGRAPHY

Natalia Alexandra Humphreys
Clinical Professor, University of Texas at Dallas
Direct: +1 (972) 883-6597
natalia.humphreys@utdallas.edu
http://www.utdallas.edu/~natalia.humphreys/

Natalia Alexandra Humphreys is currently a Clinical Professor with the Department of Mathematical Sciences at the University of Texas at Dallas. Her professional designations include Master of Science (M.S.) degree in Mathematics from St. Petersburg State University, Russia, Doctor of Philosophy (Ph.D.) degree in Mathematics from The Ohio State University, Fellow of the Society of Actuaries (FSA), and Qualified Actuary designations from the Society of Actuaries (SOA). Dr. Humphreys is the Associate Head of the Actuarial Program and the Undergraduate Actuarial Science Advisor at the University of Texas at Dallas.

After receiving her doctorate in Mathematics, Natalia Humphreys worked as a lecturer at the Departments of Mathematics of the Ohio State and Purdue Universities. Before joining the faculty at the University of Texas at Dallas, Dr. Humphreys has served the business community in the Dallas-Fort Worth area in various actuarial roles. She started her actuarial career in the retirement practice of Watson Wyatt Worldwide (now Towers Watson), a benefits consulting firm, as an actuarial analyst. Upon reaching her FSA designation, she continued her actuarial practice at HealthMarkets, Inc., a health insurance company, assuming the role of the Associate Actuary and further reaching the designation of the Qualified Actuary.

Dr. Humphreys' primary goal is continuing development and support of the Bachelor and Master of Science Actuarial Programs at the University of Texas at Dallas. In addition to her role as the Associate Head of the Actuarial Program, Natalia Humphreys teaches actuarial classes designed to prepare the students for CAS/SOA Exam 2/FM (Financial Mathematics), 3L/MLC (Life Contingencies), 3F/MFE (Financial Economics) and 4/C (Construction and Evaluation of Actuarial Models) actuarial exams. Using her extensive professional connections with consulting firms and insurance companies locally and nationwide, she organizes events designed to help the UTD community to meet actuaries and other professionals related to actuarial science. Building these connections helps students and graduates find internships and employment opportunities. Natalia Humphreys consults extensively with prospective students, including reaching out to high-school faculty and students interested in mathematics, business, economics, and finance. In addition to her university role, Natalia Humphreys takes an active part in supporting and promoting quality actuarial education by being a member of several SOA education committees.

Dr. Humphreys' research areas are Probability and Actuarial Science. Her Ph.D. dissertation involved finding the asymptotic behavior of some special types of integrals that appear in different contexts. The work represents the search for an analogue of the Central Limit Theorem for complex-valued probabilities. Her current research interests involve statistical analysis of applications of Monte Carlo simulation methods to finance and insurance, actuarial models, applied complex variables, and asymptotics.

Dr. Humphreys' experience in the academic and business environment has taught her the importance of networking and solid communication skills. She hopes that the Speed Networking session introduced at the Actuarial Research Conference this year will be meaningful and valuable to its participants and will help them further their careers and enrich their lives.