

## Amal Helu

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<b>Education</b>	Ph.D., Statistics Old Dominion University, Virginia, USA Advisor: Dayannand Naik	August 2005
	M.S., Applied Mathematics University of Alabama at Birmingham, Alabama, USA	December 2000
	B.Sc., Statistics Yarmouk University, Irbid, Jordan	May 1990

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<b>Professional Experience</b>	Visiting Assistant Professor College of Public Health, Georgia Southern University, USA.	Summer 2009
	Assistant Professor Department of Mathematics, University of Jordan.	2006 - present
	Instructor New York Institute of Technology	2005 - 2006
	Research Assistant Eastern Virginia Medical School, USA.	Spring & Summer 2004
	Instructor Faculty of Science - Al-Isra University, Jordan.	1996 - 1998
	Instructor Faculty of Science - Jerash Privet University, Jordan.	1995 - 1996

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<b>Honors</b>	A scholarship from the Greek ministry of national education and religious affairs	2010
	Winner of the Best paper in the 83rd Annual Meeting of Virginia Academy of Science	2005
	Assistantship Mathematics and Statistics Department, ODU, USA	2001 - 2005
	Assistantship Department of Mathematics-University of Alabama, USA.	1999 - 2000
	Dean's List, Yarmouk University	1988-1990

**Professional Memberships**

American Statistical Association

Institute of Mathematical Statistics

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**Conferences**

VI International Symposium on Optimization and Statistics India 2008

Ordered Statistical Data and Inequalities Jordan 2007

The Annual Jordanian Conference on Statistics and its Applications Jordan 2007

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**Publications**

**Helu, A.** and Samawi, H. " Inference on Overlapping Coefficients in Two Lomax Populations Using Ranked Set Sampling ( under review)

**Helu, A.**, Samawi, H. " Lomax distribution as a failure model under various loss functions and based on progressive censored data ( under review )

**Helu, A.**, Abu-Salih, M. and Alkam, O. "Bayes Estimation of Weibull Distribution Parameters Using Ranked Set Sampling", Communications in Statistics. Theory and Methods, Vol. 39, Issue 19, 2010.

Abu-Salih, M. and **Helu, A.** "Termination Probability of Sequential Probability Ratio Test Using Modified Ranked Set Sampling ", Journal of Applied Statistical Science, Vol 16, Issue 4, 2008.

Naik, D. N. and **Helu, A.** "On testing equality of intra-class correlations under unequal family sizes" Computational Statistics & Data Analysis, Vol. 51, Issue 12, 2007.

**Helu, A.** and Naik, D. N. "Estimation of interclass correlation via a Kotz-type distribution" Computational Statistics & Data Analysis, Vol. 51, Issue 3, 2007.

**Helu, A.** and Naik, D. N. "Estimation of Sib-Sib Correlation via a Kotz-Type Density Function" Communications in Statistics - Theory and Methods, Vol. 36, Issue 5, 2007.

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**Teaching Experience**

1. Undergraduate

- Mathematical Statistics 431
- Risk Theory 436
- Probability Theory 333
- Financial Mathematics 271
- Actuarial Mathematics 372
- Stochastic Process 334

2. Graduate

- Biostatistics 532
- Mathematical statistics 931