

**CONTACT  
INFORMATION**

Department of Mathematics  
Visiting Assistant Professor  
Whitman College  
345 Boyer Ave, Walla Walla  
Washington 99362.

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**Mail Address:** 217 Marjori Place  
Walla Walla, WA 99362.

**RESEARCH  
INTERESTS**

Time series analysis, Models of Financial and Actuarial Mathematics, Lévy-Driven CARMA Models, Parametric and Nonparametric Goodness of Fit Tests.

**EDUCATION****University of Ottawa, Ottawa, Canada**

Ph.D. in Mathematics (Statistics & Probability), September, 2014  
Dissertation Title: "Statistical Inference for Lévy-Driven Ornstein-Uhlenbeck Processes."  
Supervisors: Prof. Gail Ivanoff & Dr. Rafal Kulik

**New Mexico State University, New Mexico, USA**

M.Sc. in Mathematics, August 2008 (Honor Certificate).

**Yarmouk University, Irbid, Jordan**

B.Sc. in Mathematics with Minor in Economics, 2004

**ACADEMIC  
EXPERIENCE****Visiting Assistant Professor**

**Whitman College** Academic Year 2014/2015

**Part-time Faculty**

**University of Ottawa** Academic Years 2012-2014

**Concordia University** Academic Year 2009/2010

**Instructor**

**New Mexico State University** Academic Year 2008/2009

**Teaching Assistant**

Duties includes DGD (Discussion Groups), office hours, and marking/grading, Math Help Center Assistant:

**University of Ottawa** Academic Years 2010-2014

**Concordia University** Academic Years 2009-2010

**New Mexico State University** Academic Years 2007-2009

**High School Teacher**

Amman-Jordan (2005-2006)

COURSES TAUGHT OR TEACHING OR WILL BE TEACHING	<b>MATH 345 Probability Theory</b> , Whitman College	Spring, 2015
	<b>MATH 248 Statistical Modeling</b> , Whitman College	Spring, 2015
	<b>MATH 247 Statistics with Application</b> , Whitman College	Fall, 2014
	<b>MATH 128 Elementary Statistics</b> , Whitman College	Fall, 2014
	<b>MAT 1339 Introduction to Calculus and Vectors</b> , University of Ottawa	Summer, 2014
	<b>MAT 1322 Calculus II</b> , University of Ottawa	Spring, 2013
	<b>MAT 1339 Introduction to Calculus and Vectors</b> , University of Ottawa	Summer, 2012
	<b>MATH 206 Algebra &amp; Functions</b> , Concordia University	Spring, 2010
	<b>MATH 142G Calculus for Bio.&amp; Manag.</b> , New Mexico State University	Spring, 2009
	<b>Calculus II Lab</b> , New Mexico State University	Spring, 2008
	<b>Calculus I Lab</b> , New Mexico State University	Fall, 2008

COURSES TAUGHT AS TEACHING ASSISTANT	<b>Mathematical Models I</b> , University of Ottawa.
	<b>Introduction to Biostatistics</b> , University of Ottawa.
	<b>Financial Mathematics (Actuarial Exams; FM/2 courses)</b> , Concordia University.
	<b>Differential Equation and Numerical System</b> , University of Ottawa.
	<b>Linear Algebra</b> , University of Ottawa.
	<b>Calculus II</b> , University of Ottawa.
	<b>Calculus I</b> , University of Ottawa.
	<b>Calculus Life Science</b> , University of Ottawa.
	<b>Introduction to Calculus</b> , University of Ottawa.

PUBLICATIONS	I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, Model Verification for Lévy-driven Ornstein-Uhlenbeck Processes. <i>Electronic Journal of Statistics</i> , 8(1):1029-1062, 2014.
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PAPERS IN PREPARATION	I. Abdelrazeq, <i>Model verification for Lévy-driven Ornstein-Uhlenbeck processes with estimated parameters.</i>
	I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, <i>Goodness of fit test: Recovered noise of CAR(1) processes.</i>

CONFERENCE  
PRESENTATIONS,  
SEMINAR  
PRESENTATIONS &  
WORKSHOPS

I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, *Goodness of Fit Test: Recovered Noise for CAR(1) Processes*. 42nd Annual Meeting of the Statistical Society of Canada May 25-28, 2014 at the University of Toronto, Toronto, Ontario.

I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, *Model Checking: Levy-Driven Ornstein-Uhlenbeck Processes*. Joint Mathematical Meeting, January 15, 2014, Baltimore, Maryland.

I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, *Model Verification for Lévy-Driven Ornstein-Uhlenbeck Processes*. Seminar Presentation, December 13, 2013 at University of Ottawa, Ottawa, Ontario.

I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, *Model Checking: Lévy-Driven Ornstein-Uhlenbeck Processes*. Statistical Society of Ottawa, 4th Annual Student Research Day, September 27, 2013 at University of Ottawa, Ottawa, Ontario.

I. Abdelrazeq, B.G. Ivanoff, and R. Kulik, *Inference for Discretely Observed Lévy-Driven Ornstein-Uhlenbeck Processes*. 41st Annual Meeting of the Statistical Society of Canada May 26-29, 2013 at the University of Alberta, Edmonton, Alberta.

Estimation and Modeling Problems in Financial Engineering Workshop, Bruno Rmillard, HEC Montral. 41st Annual Meeting of the Statistical Society of Canada May 26-29, 2013 at the University of Alberta, Edmonton, Alberta.

MAA Minicourse: Introductory statistics using randomization and bootstrap methods, JMM, Baltimore, Maryland.

HONORS, AWARDS,  
AND GRANTS

University of Ottawa Part-time Professor Travel Grant, September, 2014.

University of Ottawa Part-time Professor Travel Grant, January, 2014.

The Best Presentation Award, SSO - 4th Annual Student Research Day, September 27, 2013.

FGPS Conference Travel Grants (Winter 2014), University of Ottawa.

Conference Travel Grants (Winter 2013), SSC, Edmonton.

FGPS Conference Travel Grants (Summer 2013), University of Ottawa.

Admission Scholarship, University of Ottawa (2010-1014).

ISM (Institute de Science Mathématiques) Scholarships for Doctoral Studies, Montreal, Canada (2009-2010).

The NMSU Leadership Scholarship Rewards Academic Achievement and Leadership (2008-2009).

Graduate Honor Certificate, New Mexico State University.

(ASNMU) Associated Students of New Mexico State University (Graduate Student's Senator 2008-2009).

GRADUATE  
COURSES TAKEN IN  
US & CANADA

**Ottawa-Carleton Institution of Mathematics and Statistics, Ottawa, Canada**

<b>Course</b>	<b>Grade</b>	<b>Course</b>	<b>Grade</b>
MAT5194I: Time series Analysis	AUD	MAT 5171: Probability Theory II	A+
MAT 5319: Martingale Theory	A+	MAT 5190: Mathematical Statistics I	A-
MAT 5170: Probability Theory I	A+	MAT 5191: Mathematical Statistics II	A

**Concordia University, Montreal, Canada:**

<b>Course</b>	<b>Grade</b>
MATH & STAT 881G: Mathematical Finance	A
MATH & STAT 881C: Stochastic Calculus	A+
MATH & STAT 881J: Applied Probability	A

**New Mexico State University, New Mexico, USA**

<b>Course</b>	<b>Grade</b>	<b>Course</b>	<b>Grade</b>
STAT 562: Foundation of Probability	A	MATH 532: Partial Diff. Eqs.	A
MATH 540: Financial Engineering (D.R.)	A	MATH 592: Measure/Integration	A
STAT 571: Cont. Multivariant Analysis	A	MATH 593: Real Analysis	A
MATH 521: Financial Mathematics	A	MATH 541: Toplogy I	A+
MATH 531: Ordinary Diff. Eqs.	A	MATH 542: Toplogy II	A+

REFERENCES

- Dr. Gail Ivanoff, Professor, Department of Mathematics & Statistics , University of Ottawa, givanoff@uottawa.ca (613 562-5800 Ext. 3501)
- Dr. Rafal Kulik, Assistant Professor, Department of Mathematics & Statistics , University of Ottawa, rkulik@uottawa.ca (613 562 5800 Ext. 3526)
- Dr. Pierre-Jrme Bergeron, Assistant Professor, Department of Mathematics & Statistics , University of Ottawa, pbergero@uottawa.ca (613 562 5800 Ext. 2030)
- Dr. Mohamedou Ould Haye, Assistant Professor, Department of Mathematics & Statistics, Carleton University, ouldhayem@math.carleton.ca (613-520-2600 Ext. 1287)
- Dr. Mayer Alvo, Professor, Department of Mathematics & Statistics , University of Ottawa, malvo@uOttawa.ca (613 562 5800 Ext. 3534)