

Rabih DAMAJ

Date of Birth: 26/10/1983

Nationalities: Lebanese

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EDUCATION

- 2011 – 2015** - **PhD** in applied mathematics (Statistics) at the University of south Brittany, Vannes, France.
- Subject:** The statistical inference on Mino process.
- 2008 – 2009** - **Master 2 in Statistics and Data Processing** at Blaise Pascal University, Clermont-Ferrand, France.
- 2007 – 2008** - **Master 2 Research in Probability and Statistics** at the University of Provence, Marseille, France.
- 2006 – 2007** - **Master 1 in Statistics and Data Processing** at Blaise Pascal University, Clermont-Ferrand, France.
- 2003 – 2006** - **Bachelor in Statistics** at Lebanese University, Faculty of Sciences, Section 1, Hadath, Beirut, Lebanon.
- 2000 – 2001** - **General Sciences Bachelor** at the Official School of Barja, Lebanon.

EXPERIENCE

- 2021 – Present** - Full time instructor at Beirut Arab University (**BAU**)
- 2015 – 2021** - Part time instructor at the Lebanese university faculty of sciences.
- 2016 – 2020** - Part time instructor at Arts, Sciences and Technology University in Lebanon (**AUL**)
- 2014 – 2015** - Part time instructor at the University of South Brittany Faculty (UFR) of Sciences and Engineering Sciences.
- 2012 – 2014** - Full time instructor at the IUT of Vannes.
- 2011 – 2012** - Private course for university and high school students at Acadomia.
- 2009 – 2011** - Statistician at the Institute of research and consultation, Beirut, Lebanon.
- 2009** - 6 months internship at the Credit Agricole bank, Limoges, France.
- 2007** - 3 months internship at the URSSAF OF PUY-DE-DOME, Clermont-Ferrand, France.
- 2003-2006** - Teacher “Mathematics” college and secondary levels (Lebanon).

PUBLICATION

- Rabih Damaj, Evans Gouno, Statistical analysis of a self-exciting point process: the Mino's process. Spring Research Conference (SRC) 2015, Cincinnati, OH.
- Evans Gouno, Rabih Damaj, Inference for an one-memory self-exciting point processes. ICAMER 2016.
- Carine K. Mounzer, Jamilah M. Borjac, Ranya A. Amer, Rabih K. Damaj, Safaa A. Baydoun, Assessment of Water Quality using Principal Component Analysis and a Water Quality Index: A Case study of Litani River, Lebanon. International Journal of Science, Mathematics and Technology Learning, Volume 31 No. 1, 2023.

Teaching

- Descriptive statistics
- Inferential statistics
- Mathematical Statistics
- Probability
- Probability theory
- Data analysis
- Experimental design
- Stochastic processes
- Operational research
- Graph theory
- Advanced Regression
- Numerical methods
- Differential analysis
- Complex analysis
- Linear Algebra
- Number theory
- Multivariable functions
- Discrete math
- Special functions
- Differential equations
- Engineering math

Informatics: SAS, R, SPAD, SPSS, Statistica, Excel, Latex, Zoom, Microsoft teams.

Languages: English, French, Arabic.

Hobbies: Music, Sport and reading.