

# Curriculum Vitae

Ayat Taisir Rashed Al-Meanazel  
Assistant Professor  
Department of Mathematics  
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## Personal Information

**Date of Birth** 9<sup>th</sup> June, 1985  
**Place of Birth** Manshiyyat Bani Hasan, Al-Mafraq, Jordan  
**Gender** Female  
**Marital Status** Married

## Contact Information

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## Education

**2009 - 2015** PhD in Statistics  
University of Manitoba, Manitoba, Canada  
**2005 - 2008** Master in Mathematics  
Al albayt University, Al-Mafraq, Jordan  
**2002 - 2005** Bachelor in Mathematics  
Al albayt University, Al-Mafraq, Jordan

## Employment History

- 2015 - present** Assistant Professor  
Department of Mathematics, Faculty of Science  
Al albayt University, Al-Mafraq, Jordan
- 2008 - 2009** Instructor  
Department of Mathematics, Faculty of Science  
The Hashemite University, Zarqa, Jordan
- 2005 - 2008** Mathematics Teacher  
Ministry of Education, Al-Mafraq, Jordan

## Published Articles

- The Distribution of the Length of the Longest Increasing Subsequence in Random Permutations of Arbitrary Multi-sets, **Methodology and Computing in Applied Probability**, 22(1), 1009-1021 (2020).
- Depression and anxiety during 2019 coronavirus disease pandemic in Saudi Arabia: a cross-sectional study, **medRxiv preprint** (2020).
- Wrapped Shanker Distribution, **Italian Journal of Pure and Applied Mathematics**, N. 45, 184-194 (2021).
- Wrapped Ishita Distribution, **Journal of Statistics Applications and Probability**, 10(2), 293-299 (2021).
- Wrapped Akash Distribution, **Electronic Journal of Applied Statistical Analysis**, 14(2), 305-317 (2021).
- Poisson Odoma Distribution, **Journal of Statistics Applications and Probability**, 11(1), 155-161 (2022).

## Accepted Articles

- Wrapped Aradhana Distribution, **Italian Journal of Pure and Applied Mathematics**.

## Workshops

- **Assessment and Evaluation**, University of Manitoba, Manitoba, Canada (2013).
- **Instructional Strategies**, University of Manitoba, Manitoba, Canada (2013).
- **Tools to Improve Learning**, University of Manitoba, Manitoba, Canada (2013).
- **Considering Culture and Diversity**, University of Manitoba, Manitoba, Canada (2013).
- **Incivility in (and out of) the Classroom**, University of Manitoba, Manitoba, Canada (2013).
- **Creating Syllabus**, University of Manitoba, Manitoba, Canada (2013).
- **Problem Based Learning**, University of Manitoba, Manitoba, Canada (2013).
- **Problem Based Learning**, University of Manitoba, Manitoba, Canada (2013).
- **Pitch, Pause, Accent: The "How to" for teaching in a second Language**, University of Manitoba, Manitoba, Canada (2013).
- **Intercultural Consideration in the Classroom**, University of Manitoba, Manitoba, Canada (2014).
- **Responding to Students Incivility**, University of Manitoba, Manitoba, Canada (2014).
- **MCQ's Creation and Analysis**, University of Manitoba, Manitoba, Canada (2014).
- **Microsoft Teams**, Al albayt University, Al-Mafraq, Jordan (2020).
- **Moodle**, Al albayt University, Al-Mafraq, Jordan (2020).
- **New Faculty Members**, Al albayt University, Al-Mafraq, Jordan (2021).

## Courses Taught

- Calculus I and II.
- Statistical Methods.
- Introduction to Statistics.
- Basic Statistical Analysis.
- Fundamentals of Mathematics.
- Introduction into Applied Statistics.
- Statistics (For Economics & Business).
- Computer Application in Mathematics.
- Probabilities and Statistics for Engineering.
- Advanced Probability Theory.

## Skills

- **Computer:** Microsoft Office suite, LaTeX, JMP, R, SPSS, Matlab, Minitab.
- **Language:** Arabic, English.

## Research Interests

Probability, mathematical statistics, distribution theory of runs and patterns, and sampling theory.

## Volunteer Participation

The Educational Developers' Caucus Conference (EDC)  
University of Manitoba, Manitoba, Canada (Feb 11<sup>th</sup> – 13<sup>th</sup>, 2015).