

Dr. Morad Ahmad

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Objective

Seeking a lecturing position that commensurate with my skills and abilities in the field of mathematics, as well as obtaining a responsible post for giving practical knowledge which makes the students' career progressive, with a leading University collaborating with a committed & dedicated staff.

Education

The Hashemite University

February 2001

Bachelor of Science, Mathematics.

University of Jordan

June 2007

Masters of Science, Mathematics, Statistics. Thesis entitled "Current Record Statistics, Concepts and Distributional Properties".

University of Jordan

August 2012

PhD, Mathematics, Statistics. Dissertation entitled "On Comparison of Fisher Information of the Weibull and Generalized Rayleigh Distributions".

Experience

Head of Math Department, The University of Jordan, 2022- present.

Associate Professor, Department of Mathematics and Statistics, The University of Jordan, 2022- present.

Assistant Professor, Department of Mathematics and Statistics, The University of Jordan, 2016- present.

Courses taught: "Calculus 101, Principles of Statistics, Statistical Techniques, Probability Theory, Mathematical Statistics, Applied Probability, Biostatistics, Probability Theory (master) and Linear Programming".

Princess Sumayya University for Technology

October 2013-Present

Courses taught: "Math for Graphics and Animation, Calculus 101, Calculus 102, Calculus 103, Math for Engineering(I), Math for Engineering (II), Discrete Math(I), Discrete Math(II), Principles of Statistics, Probability Theory and Linear Programming".

University of Jordan

February 2012- June 2012

Course taught: "Calculus 102"

**Jordanian International School****September 2009- present**

Courses taught: IGCSE Mathematics (GRADE 10), Advanced Level Mathematics (AS & A2), C1, C2, C3, C4, S1. As well as the position of "Mathematics supervisor for grades 9-12".

Mayar International School**September 2013- present**

Courses taught: IGCSE (GRADE 10), Advanced Level Mathematics (AS), C1, C2 and S1 (Grade 11).

Al-Raed Al-Arabi School**September 2011- June 2013**

Courses taught: IGCSE Mathematics (GRADE 10)

Mashrek International School**September 2006-2009**

Courses taught: Mathematics IBDP (Grades 11 & 12) , IGCSE (Grades 9 & 10).

Modern Montessori School**September 2005-2006**

Courses taught: Bridging years for the International Baccalaureate program, IB, (Grades 9 &10).

Choueifat International School**July 2004 – July 2005**

Courses taught: Pure mathematics, P1 and P2 for grade 11, Statistics, S1, for grades 10 and 11, IGCSE mathematics, for grade 9, Geometry and Algebra, for grade 8.

Al-Itfihad Secondary School**September 2001 – June 2004**

Courses taught: Pure Mathematics and statistics, Grade 10. Worked on designing and authoring English mathematics textbooks for grades 1 – 6, currently used by the school.

Publications

- **Discriminating Between the Generalized Rayleigh and Weibull Distributions: Some Comparative Studies.** *Communications in Statistics-Simulation and Computation*(ISSN: 0361-0918).
- **Reproducing Kernel Hilbert Space Method For Solving Fredholm Integro-Differential Equations Of Fractional Order.** *Italian Journal Of Pure and Applied Mathematics*, N. 36-2016 (307-318).
- **Computational method for solving nonlinear Fredholm-Integro-Differential Equations.** *Journal of Computational and Theoretical Nanosciences* . Vol. 13, 7802-7806, 2016.
- **An efficient computational method for handling singular second-order,three points Volterra integro-differential equations,** *Journal of Computational and Theoretical Nanosciences* . Vol. 13, 1–9, 2016.
- **Divisor Graphs that are Complements of Bipartite Graphs,** *Journal of Applied & Computational Mathematics*. 2018, 7:2.
- **Marshall-Olkin Family of Distributions: Additional Properties and Comparative Studies.** *Bol. Soc. Paran. Mat.* (Accepted)
- **Global Dynamics of a Discrete-Time MERS-Cov Model,** *Mathematics* 2021, Volume 9, Issue 5, 563



- **An application of Mittag–Leffler-type Poisson distribution on certain subclasses of analytic functions associated with conic domains**, *Heliyon* Vol. 7 Issue 10 Published online: October 1, 2021
- **Exploiting the Pascal distribution series and Gegenbauer polynomials to construct and study a new subclass of bi-univalent functions**, *Symmetry* 2022, 14, 147.
- **ON THE CLASS OF TRANSMUTED-G DISTRIBUTIONS**, *J. Appl. Math. & Informatics* Vol. 40(2022), No. 5 - 6, pp. 925 – 931.

Community Service

- Supervision, training and leading the Math Olympiad for high school students for the years 2018-present.
- Supervising the Math Olympiad for university students for the year 2018.
- Member of the statistical analysts group at the University of Jordan for the years 2018- present.
- Member of (Committee for Accepting Excuses) for the years 2020-2021.
- Member of (Committee for Making Exams to Hire people in the Central Bank of Jordan) for the year 2021.
- Member of (LUMA StarT Evaluation committee) Future Scientist Award, for the years 2019 & 2020.

Training

- Taking part at the conference (ICOSDA 2019) that held in Grand rapids, USA.
- Attendance the (Staff Development Workshop) in 2017 at the University of Jordan.

Skills

A team leader, with the ability to handle extreme amounts of pressure effectively.

A curriculum developer for various subjects in the field of mathematics.

Ability to adapt and teach different areas in the field of mathematics.

An expert in a wide range of subjects in the field of mathematic.

The part-time and full time jobs in schools, and Universities has given me the ability to deal with different caliber of students, and treat each student as a unique individual with unique skills, hence presenting subjects in a way that most suits the situation at hand.

Attended courses that have certified me as an accredited instructor by the International Baccalaureate association.



Proficient in the use of Information Technology hardware devices for education, including desktop, portable and mobile technology.

Proficient in the use of Information Technology software for education, including Microsoft Office, e-learning portals, and iTunes University portal (a portal provided by Apple for open source curricula and video instruction for the field of mathematics from most of the prestigious Universities around the world).

Referees

Professor Mohammad Z. Raqab

(Statistics, University of Jordan)
(00962-79-5910144)

Professor Mufeed Azzam

(Statistics, University of Jordan)
(00962-79-5043480)

Professor Adnan Awad

(Statistics, University of Jordan)
(00962-6-5346532)

Professor Hilmi Kittani

(Statistics, The Hashemite University)
(00962-79-7381119)

Professor Mohammad Abu Diah

(Algebra, German Jordan University)
(00962-79-6533001)

Dr. Enas Bkerat

**(Principal of International Program at
the Kingeston International Schools)**
(00962-77-5603628)