



Areen Al-Khateeb

Phd of Mathematics

A high honor PhD graduate with 8+ years face to face teaching and almost 2 years Online teaching and research experience, seeking an opportunity to undertake assistant professor position in the field of mathematics and looking forward to continue with a challenging position as assistant professor in the education sector.

Personale Information	Place of Birth	Jordan - Irbid
	Date of Birth	Nov. 18, 1987
	Nationality	Jordanian
	Marital Status	Married with 3 children

Contact Information	Email	Khateb1987@live.com
	Mobile / Jordan	+962 779474718
	Mobile / Cyprus Whatsup	+905338318444

Language	Arabic: Native Speaker
	English: Very good

Education

Education	Topic	University	Starting Date	End Date	CGPA
PhD of Mathematics	Thesis Topic: Stability, Existence and Uniqueness of Boundary Value Problems for a Coupled System of Fractional Differential Equations	Eastern Mediterranean University, EMU, Cyprus https://www.emu.edu.tr/en	Spring 2017	Spring 2019	CGPA 4/4 (High Honor)
Master of Mathematics	Thesis Topic: On q-Analogue and (p,q)-Analogue of Gamma and Beta Functions.	Eastern Mediterranean University, EMU, Cyprus https://www.emu.edu.tr/en	Fall 2015	Spring 2017	CGPA 4/4 (High Honor)
Bachelor of Mathematics	Bachelor of Science in Mathematics	Jordan University for Science and Technology, JUST	fall 2005/2006	Spring 2008/2009	GPA = 73 (GOOD)

		http://www.just.edu.jo/Pages/Default.aspx			
High school	General Jordanian Secondary Education	Jordan	2004	2005	83.2

Employment and experience

Over 10 years of experience as part time lecturer, researcher, and research assistant

Experience	Duty	Starting Date	End Date
Full time assistant prof at Jadara University, Jordan , http://www.jadara.edu.jo/	Working as Full time assistant prof at Jadara University, teaching the following courses for undergraduate programs:	Oct-01-2019 Until now	
	✓ Pre-calculus		
	✓ Calculus 1		
	✓ Calculus 2		
	✓ Probability		
	✓ Statistics		
	✓ Mathematics for business		
	✓ Linear Algebra 1		
	✓ Graduate research		
✓ Set Theory			
Part time lecturer at Eastern Mediterranean University, Cyprus https://www.emu.edu.tr	Working as part time instructor in Eastern Mediterranean University, teaching the following courses on undergraduate level during 5 semesters.	Feb-09 – 2017	July-16-1019
	✓ Pre-calculus		
	✓ Calculus 1		
	✓ Calculus 2		
	✓ Probability		
	✓ Statistics		
	✓ Discrete Mathematics		
	✓ Linear Algebra 1		
	✓ Real Analysis		
	✓ Linear Algebra 2		
	✓ Numerical Linear Algebra		
	✓ Fractional Differential Equations		
	✓ Partial Differential Equations		
✓ Ordinary Differential Equations			
✓ Functional Analysis			
Research Assistant at Eastern Mediterranean University, Cyprus https://www.emu.edu.tr	Working as both collaborative researcher and research assistant in Eastern Mediterranean University, focused on the following topics.	Oct-15 – 2015	Jan-17 - 2017
	✓ Fractional Differential Equations		

	<ul style="list-style-type: none"> ✓ Partial Differential Equations ✓ Special Functions ✓ Advanced Fractional Calculus 		
Mathematics teacher at RAYA college in Saudi Arabia	4 years of experience as lecturer at RAYA college in Saudi Arabia, in charge of the following tasks. <ul style="list-style-type: none"> ✓ Teaching mathematics course Calculus 101, 102 ✓ Monitoring and evaluating the overall academic performance of students ✓ Preparing course structure and lecture material ✓ Administrating and marking exams 	Sep-10 - 2010	Aug-14 - 2014

Publication

#	Journal Name & Index	Status	Article title	link
1	Rocky Mountain Journal of Mathematics	Accepted and will be published 2021	Uniqueness and stability results of coupled sequential fractional differential equations with boundary conditions	https://rmmc.asu.edu/rmj/rmj.html
	Science Citation Index Expanded			
	Scopus Q3			
2	MDPI-Frcatal and Fractional	Submitted 2021	Ulam–Hyers stability and Uniqueness for Nonlinear Sequential Fractional Differential Equations involving Integral Boundary Conditions	https://www.mdpi.com/journal/fractalfract
	Science Citation Index Expanded - Web of Science			
	Q1 Web of Science (Clarivate Analytics)			
3	MDPI - Mathematics Journal	Accepted and published August 2020	Existence and stability results on Hadamard type fractional time-delay semilinear differential equations	https://www.mdpi.com/2227-7390/8/8/1242
	Science Citation Index Expanded - Web of Science			
	Scopus Q1			
	Q1 Web of Science (Clarivate Analytics)			
	zbMATH (FIZ Karlsruhe)			
4	MDPI - Mathematics Journal	Accepted and published 2019	On a Coupled System of Fractional Differential Equations with Four Point Integral Boundary Conditions	Mathematics 2019, 7(3), 279; https://doi.org/10.3390/math7030279
	Science Citation Index Expanded - Web of Science			
	Scopus (Elsevier)			
	Q1 Web of Science (Clarivate Analytics)			

	zbMATH (FIZ Karlsruhe)			
5	MDPI - Mathematics Journal	Accepted and published 2019	Stability, Existence and Uniqueness of Boundary Value Problems for a Coupled System of Fractional Differential Equations	Mathematics 2019, 7(4), 354; https://doi.org/10.3390/math7040354
	Science Citation Index Expanded - Web of Science			
	Scopus (Elsevier)			
	Q1 Web of Science (Clarivate Analytics)			
	zbMATH (FIZ Karlsruhe)			
6	Journal of Inequalities and Applications	Accepted and published 2019	Existence and Ulam-Hyers stability of a coupled sequential fractional differential equations with integral boundary conditions	Journal of Inequalities and Applications JIA https://journalofinequalitiesandapplications.springeropen.com/
	Q2 Web of Science (Clarivate Analytics)			
	SCImagoScopus			
7	Onlinemathematics	Accepted and published 2019	Relevant Functions to (p, q) -Gamma Function and (p, q) -Beta Function	http://www.onlinemathematics.net/Articles/V1S3/OMJ_01-03_p1-14_AIKhateeb.pdf

Conference (web of science)

#	Conference Name	Status	Article	Link
1	FIRST ONLINE CONFERENCE ON MODERN FRACTIONAL CALCULUS AND ITS APPLICATIONS (OCMFCA-2020)	Accepted to be publish	Existence and Stability of Coupled sequential fractional Differential Equations with Boundary Conditions	http://www.ntmsci.com/Conferences/OCMFCA2020
2	IETC 2019 - International Educational Technology Conference	Accepted to be publish	analytical algorithm for Stability of Differential Equations with Integral Boundary Conditions	http://www.iet-c.net/
3	Proceedings of International Conference on Fractional Differentiation and its Applications (ICFDA) 2018, Amman, Jordan	Accepted and published	On a Coupled System of Fractional Differential Equations with Integral Boundary Conditions	https://ssrn.com/abstract=3281322 or http://dx.doi.org/10.2139/ssrn.3281322

4	The 6 International Conference on Control and Optimization with Industrial Applications, 11-13 July, 2018, Baku, Azerbaijan	Accepted and published	On a coupled system of fractional differential equations with integral boundary conditions	http://www.coia-conf.org/upload/editor/files/COIA_2018_V1.pdf
5	International Conference on Contemporary Issues in Education ICCIE 2017, Cyprus	Accepted and published	Cloud Computing Architectural Design Model for Scientific Research and Unified Education System	http://www.cmdconf.net/2017/proceedings.pdf#page=181

Research Projects

#	Research Project Name	Period/ Month	Start date	End Date	funded by
1	Analytical solution for Finite-time stability of a class of oscillating systems with two delay using Mathematica.	Four	15-Jan-19	14-May-19	Graduate Studies and Research Institute, Eastern Mediterranean University https://www.emu.edu.tr/en/research/research-centers/766
2	Stability simulation of three-point non-linear boundary-value problems using Mathematica.	Three	3-Apr-18	2-Jul-18	
3	Numerical -Analytic Method to the Investigation of nonlinear boundary-value problems of a certain type with nonlinear boundary conditions	Six	27-Jun-18	26-Dec-18	
4	On q-Analogue and (p,q)-Analogue of Gamma and Beta Functions	Three	1-Feb-16	30-Apr-16	

Academic Volunteer Work

#	Duty	Journal Name	Starting Date	Link
1	Associate Editor	Online Journal of Art and Design	2017	http://www.adjournal.net/
2	Reviewer	European Journal Of Science and Mathematics Education	2018	http://scimath.net/
3	Assistant Editor in Chief	Online Mathematics Journal (OMJ)	2019	http://www.onlinemathematics.net/

Computer and Programming Skills

Computer skills	Mathtype	Upper Intermediate
	Microsoft Office	Professional
	Adobe Photoshop	Intermediate

Personal Skills

- ✓ Excellent track record and experience of teaching mathematics at undergraduate level.
- ✓ Experienced in helping students understand mathematical concepts and developing interest for the subject.
- ✓ Ability to develop constructive relationship with students and guide them in developing their academic skills and performance.
- ✓ Great passion for teaching mathematics and dealing with student's educational problems.
- ✓ Skilled in observing and assessing academic strengths and weaknesses of students and working on them.
- ✓ Strong interpersonal skills and interested in collaborating with colleagues and students in research and extra-curriculum academic activities.
- ✓ Excellent academic writing and search skills.
- ✓ Comfortable with working in dynamic and complex situations.
- ✓ Proficient in the territory language (native Arabic speaker) and English (Other Languages being an asset).
- ✓ Highly focused, energetic, and conscientious.

Interested research area in

#	Area	Topic
1	Fractional Differential Equations	Stability, Existence and Uniqueness of Boundary Value Problems, Computational Analytical and numerical solution
2	q -calculus or quantum calculus	On q-Analogue and (p,q)-Analogue of Gamma and Beta Functions.
3	Differential Equations	Stability of Differential equations with delays

References

#	Name	Position	Email	Web Page
1	Prof. Dr. Nazim Mahmudov	Chair, Department of Mathematics, EMU	nazim.mahmudov@emu.edu.tr	http://staff.emu.edu.tr/nazim_mahmudov/en
2	Prof. Dr. MEHMET ALİ OZARSLAN	Dean of Art And sciences faculty, Department of Mathematics, EMU	mehmetali.ozarslan@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=279&n=mehmet-ali-ozarslan

3	Assist. Prof. Dr. MEHMET BOZER	Vice Dean of Art And sciences faculty, Depa rtment of Mathematics, EMU	mehmet.bozer@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=289&n=mehmet-bozer
4	Prof. Dr. AGHAMIRZA BASHIROV	Instructor, De partment of Mathematics, Eastern Mediterranea n University	agamirza.bashirov@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=278&n=aghamirza-bashirov
5	Prof. Dr. HUSEYİN AKTUĞLU	Instructor, De partment of Mathematics, EMU	huseyin.aktuglu@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=285&n=huseyin-aktuglu
6	Assist. Prof. Dr. MUGE SAADETOĞLU	Instructor, De partment of Mathematics, EMU	muge.saadetoglu@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=290&n=muge-saadetoglu