



# FERAS A. YOUSEF, PH.D.

## *Curriculum Vitae*

December 2021

Department of Mathematics  
School of Science  
The University of Jordan  
Queen Rania Street, Aljubeiha  
Amman 11942, Jordan

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### EDUCATION

**Ph.D. in Mathematics**

May 2015

*New Mexico State University, Las Cruces, New Mexico, USA*

**Dissertation:** “*Mathematical Analysis of a Landau-de Gennes Phenomenological Model for Bent-Core Liquid Crystals*”

**Advisor:** Prof. Tiziana Giorgi

### RESEARCH INTERESTS KEY TERMS

Nonlinear Partial Differential Equations; Liquid Crystals; Materials Science;  
Discrete Dynamical Systems, Calculus of Variations; Structural Bioinformatics;  
Numerical Methods; Geometric Function Theory; Fractional Calculus.

### WORK EXPERIENCE

**Associate Professor**

09/2019 – Present

*The University of Jordan, Amman, Jordan*

**Assistant Professor**

09/2016 – 09/2019

*The University of Jordan, Amman, Jordan*

**College Assistant Professor**

08/2015 – 05/2016

*New Mexico State University, Las Cruces, New Mexico, USA*

**Instructor**

08/2011 – 05/2015

*New Mexico State University, Las Cruces, New Mexico, USA*

**Research Assistant**

05 - 08/2012-2014

*New Mexico State University, Las Cruces, New Mexico, USA*

**Teaching Assistant**

08/2010 – 07/2011

*New Mexico State University, Las Cruces, New Mexico, USA*

**Instructor**

03/2009 – 07/2010

*Irbid National University, Irbid, Jordan*

## AWARDS AND HONORS

- The University of Jordan**, Amman, Jordan
- Travel Grant 03/2018
- New Mexico State University**, Las Cruces, New Mexico, USA
- Scholar Dollar\$ Award in Mathematics 2013/2014
  - Nominated for Merit-based Enhancement Award 2013/2014
  - Travel Grant 05/2013
  - Graduate Student Award for Outstanding Teaching 2012/2013
- University of New Mexico**, Albuquerque, New Mexico, USA
- NSF Travel Award 03/2014
- Kansas State University**, Manhattan, Kansas, USA
- NSF-CBMS Travel Award 04/2013
- Carnegie Mellon University**, Pittsburgh, Pennsylvania, USA
- NSF Travel Award 03/2013

## GRANTS AND CONTRACTS

- Deanship of Scientific Research, The University of Jordan.**  
 Role: **PI**, 06/2018 – 12/2019  
 Project title: *An avant-garde analytical treatment of physical phenomena endowed with fractional temporal and spatial derivatives.*
- Deanship of Scientific Research, The University of Jordan.**  
 Role: **Co-PI**, 02/2017 – 02/2018  
 Project title: *Numerical solutions of singularly perturbed differential equations using reproducing kernel Hilbert space method.*
- National Science Foundation (NSF) #DMS-1108992**  
 Role: **Participant**, 16/05 – 15/08 /2012 – 2014  
 Project title: *Investigations of liquid crystalline mesophase transitions via Landau-de Gennes phenomenological models.*

## COURSES AND TRAININGS

- Arab Organization for Quality Assurance in Education**, Amman, Jordan  
 Workshop: Identify the ABET accreditation criteria: Practical steps to implement continuous improvement processes 12/2018
- The University of Jordan**, Amman, Jordan  
 Faculty development workshop on Teaching & Developing a Confident Work Environment 01/2017
- The University of Jordan**, Amman, Jordan  
 Workshop on the Use of e-Learning Methods in Teaching 10/2016
- New Mexico State University**, Las Cruces, New Mexico, USA  
 Faculty development workshop on Information Assurance and Security 02/2016
- New Mexico State University**, Las Cruces, New Mexico, USA  
 Teaching Academy Events: Let's Talk Online Teaching 09/2015
- New Mexico State University**, Las Cruces, New Mexico, USA  
 Graduate Assistant Workshop 09/2010

TEACHING  
EXPERIENCE

**The University of Jordan**, Amman, Jordan

*Courses taught*

Calculus I and Analytic Geometry  
Calculus II and Analytic Geometry  
Calculus III and Analytic Geometry  
Engineering Mathematics I  
Engineering Mathematics II  
Special Functions  
Ordinary Differential Equations II  
Applied Mathematics I (Graduate)  
Applied Mathematics II (Graduate)

**New Mexico State University**, Las Cruces, New Mexico, USA

*Courses taught*

Intermediate College Algebra  
Statistics for Business and the Behavioral Sciences  
Trigonometry and Precalculus  
Calculus I and Analytic Geometry  
Calculus II and Analytic Geometry  
Calculus III and Analytic Geometry  
Introduction to Ordinary Differential Equations  
Matrix Theory and Applied Linear Algebra (Undergraduate/Graduate)

*Course co-taught*

Calculus for the Biological and Management Sciences

**Irbid National University**, Irbid, Jordan

*Courses taught*

Principles of Mathematics  
Probability and Statistics I  
Biostatistics  
Calculus I and Analytic Geometry  
Calculus II and Analytic Geometry  
Calculus III and Analytic Geometry  
Complex Analysis I  
Complex Analysis II  
Functional Analysis

1. Alquran, M., **Yousef, F.**, Alquran, F., Sulaiman, T.A., Yusuf, A., “*Dual-wave solutions for the quadratic–cubic conformable-Caputo time-fractional Klein–Fock–Gordon equation*”. *Mathematics and Computers in Simulation*, Vol. 185 (2021), pp. 62-76.
2. **Yousef, F.**, Alroud, S., Illafe, M., “*New Subclasses of Analytic and Bi-Univalent Functions Endowed with Coefficient Estimate Problems*”. *Analysis and Mathematical Physics*, Vol. 11(2) (2021), pp. 1-12.
3. **Yousef, F.**, Alkam, O., Saker, I., “*The dynamics of new motion styles in the time-dependent four-body problem: weaving periodic solutions*”. *The European Physical Journal Plus*, Vol. 135(9) (2020), pp. 1-10.
4. Frasin, B.A., **Yousef, F.**, Al-Hawary, T., Aldawish, I., “*Application of generalized Bessel functions to classes of analytic functions*”. *Afrika Matematika*, (2020).
5. Frasin, B.A., Al-Hawary, T., **Yousef, F.**, “*Some properties of a linear operator involving generalized Mittag-Leffler function*”. *Studia Universitatis Babeş-Bolyai Mathematica*, Vol. 65(1) (2020), pp. 67-75.
6. **Yousef, F.**, Alquran, M., Jaradat, I., Momani, S., Baleanu, D., “*New Fractional Analytical Study of Three-Dimensional Evolution Equation Equipped with Three Memory Indices*”. *Journal of Computational and Nonlinear Dynamics*, Vol. 14(11) (2019), pp. 1-7.
7. **Yousef, F.**, Alquran, M., Jaradat, I., Momani, S., Baleanu, D., “*Ternary-Fractional Differential Transform Schema: Theory and Application*”. *Advances in Difference Equations*, Vol. 2019(1) (2019), pp. 197-209.
8. Jaradat, I., Alquran, M., **Yousef, F.**, Momani, S., Baleanu, D., “*On  $(2 + 1)$ -Dimensional Physical Models Endowed with Decoupled Spatial and Temporal Memory Indices*”. *The European Physical Journal Plus*, Vol. 134(7) (2019), pp. 1-10.
9. Alsaedi, A., **Yousef, F.**, Bushnaq, S., Momani, S., “*New Styles of Periodic Solutions of the Classical Six-Body Problem*”. *Mathematics and Computers in Simulation*, Vol. 159 (2019), pp. 183-196.
10. Jaradat, I., Alquran, M., Katatbeh, Q., **Yousef, F.**, Momani, S., Baleanu, D., “*An Avant-Garde Handling of Temporal-Spatial Fractional Physical Models*”. *International Journal of Nonlinear Sciences and Numerical Simulation*, (2019), pp. 1-12.
11. Maayah, B., **Yousef, F.**, Abu Arqub, O., Momani, S., Alsaedi, A., “*Computing Bifurcations Behavior of Mixed Type Singular Time-Fractional Partial Integrodifferential Equations of Dirichlet Functions Types in Hilbert Space with Error Analysis*”. *Filomat*, Vol. 33(12) (2019), pp. 3845-3853.
12. **Yousef, F.**, Alroud, S., Illafe, M., “*A Comprehensive Subclass of Bi-Univalent Functions Associated with Chebyshev Polynomials of the Second Kind*”. *Boletín de la Sociedad Matemática Mexicana*, (2019), pp. 1-11.
13. **Yousef, F.**, Al-Hawary, T., Moorthy, G., “*Fehete-Szegő Functional Problems for Some Subclasses of Bi-Univalent Functions Defined by Frasin Differential Operator*”. *Afrika Matematika*, Vol. 30(3) (2019), pp. 495-503.
14. Frasin, B.A., Al-Hawary, T., **Yousef, F.**, “*Necessary and Sufficient Conditions for Hypergeometric Functions to be in a Subclass of Analytic Functions*”. *Afrika Matematika*, Vol. 30(1-2) (2019), pp. 223-230.

15. Momani, S., Abu Arqub, O., Maayah, B., **Yousef, F.**, Alsaedi, A., "A *Reliable Algorithm for Solving Linear and Nonlinear Schrödinger Equations*". Applied and Computational Mathematics, Vol. 17(2) (2018), pp. 151-160.
16. Al Nasr, K., **Yousef, F.**, Jebril, R., Jones, C., "Analytical Approaches to Improve Accuracy in Solving the Protein Topology Problem". Molecules, Vol. 23(2) (2018), pp. 1-17.
17. Al Nasr, K., Jones, C., **Yousef, F.**, Jebril, R., "PEM-fitter: A Coarse-Grained Method to Validate Protein Candidate Models". Journal of Computational Biology, Vol. 25(1) (2018), pp. 21-32.
18. Al-Hawary, T., Frasin, B.A., **Yousef, F.**, "Coefficient Estimates for Certain Classes of Analytic Functions of Complex Order". Afrika Matematika, Vol. 29(7-8) (2018), pp. 1265-1271.
19. Frasin, B.A., Al-Hawary, T., **Yousef, F.**, "On Univalence of General Integral Operator". Acta Universitatis Apulensis, Vol. 53 (2018), pp. 9-17.
20. Amourah, A., **Yousef, F.**, "Some Properties of a Class of Analytic Functions Involving a New Generalized Differential Operator". Boletim da Sociedade Paranaense de Matemática, Vol. 38(6) (2018), pp. 33-42.
21. **Yousef, F.**, Frasin, B.A., Al-Hawary, T., "Fekete-Szegő Inequality for Analytic and Bi-Univalent Functions Subordinate to Chebyshev Polynomials". Filomat, Vol. 32(9) (2018), pp. 3229-3236.
22. Amourah, A., **Yousef, F.**, Al-Hawary, T., Darus, M., "On  $H_3(p)$  Hankel Determinant for Certain Subclass of  $p$ -Valent Functions". Italian Journal of Pure and Applied Mathematics, Vol. 37 (2016), pp. 543-556.
23. Amourah, A., **Yousef, F.**, Al-Hawary, T., Darus, M., "On a Class of  $p$ -Valent Non-Bazilevič Functions of Order  $\mu+i\beta$ ". International Journal of Mathematical Analysis, Vol. 15(10) (2016), pp. 701-710.
24. **Yousef, F.**, Amourah, A., Darus, M., "On Certain Differential Sandwich Theorems for  $p$ -Valent Functions Associated with Two Generalized Differential Operator and Integral Operator". Italian Journal of Pure and Applied Mathematics, Vol. 36 (2016), pp. 543-556.
25. Amourah, A., **Yousef, F.**, Al-Hawary, T., Darus, M., "A Certain Fractional Derivative Operator for  $p$ -Valent Functions and New Class of Analytic Functions with Negative Coefficients". Far East Journal of Mathematical Sciences (FJMS), Vol. 99(1) (2016), pp. 75-87.
26. Al-Hawary, T., Amourah, A., **Yousef, F.**, Darus, M., "A Certain Fractional Derivative Operator and New Class of Analytic Functions with Negative Coefficients". The journal INFORMATION, International Information Institute (Tokyo/Japan), Vol. 18(11) (2015), pp. 4433-4442.
27. Giorgi, T., **Yousef, F.**, "Analysis of a Model for Bent-Core Liquid Crystals Columnar Phases". Discrete and Continuous Dynamical Systems - Series B (DCDS-B), Vol. 20(7) (2015), pp. 2001-2026.
28. **Yousef, F.**, Momani, S., Abdalmohsen, R., "Analytic Solution of Spatial-Temporal Fractional Klein-Gordon Equation Arising in Physical Models". The Int. 9<sup>th</sup> Conf. on Fractional Differentiation and its Applications, Amman, Jordan, July 2018.
29. Al-Hawary, T., **Yousef, F.**, Frasin, B.A., "Subclasses of Analytic Functions of Complex Order Involving Jackson's  $(p, q)$ -Derivative". The Int. 9<sup>th</sup> Conf. on Frac. Diff. App., Amman, Jordan, July 2018.

30. Al Nasr, K., Yousef, F., Jones, C., Jebril, R., "Geometry Analysis for Protein Secondary Structures Matching Problem". The 8<sup>th</sup> ACM Conference on Bioinformatics, Computational Biology, and Health Informatics, Boston, MA, August 2017, pp. 716-721.

PREPRINTS

31. Yousef, F., Al-Shible, A., Yalçın, S., "An Application of Jackson's  $(p, q)$ -Derivative to a Subclass of Starlike Functions with Negative Coefficients". arXiv preprint arXiv: 1903.01336 (2019).

INVITED  
TALKS AND  
PRESENTATIONS

**SIAM Conference on Mathematical Aspects of Materials Science**, Portland, Oregon, USA **07/2018**

"Analysis and Stability of a One-Dimensional Landau-de Gennes Model for Bent-Core Liquid Crystals"

**The University of Jordan Analysis Seminar**, Amman, Jordan **03/2017**

"Perturbation Analysis of a One-Dimensional Landau-de Gennes Model for Bent-Core Liquid Crystals"

**The University of Jordan Analysis Seminar**, Amman, Jordan **11/2016**

"Gamma-Convergence of Gradient Flows"

**University of Baltimore**, Baltimore, Maryland, USA

Department of Mathematics **03/2016**

"On Use of G-Functions in the Solutions of Differential Equations in Physical Models"

**New Mexico State University Analysis Seminar**, Las Cruces, New Mexico, USA Dept. of Mathematical Sciences (*Three Talks*) **02/2016**

"On Certain Operators and Subclasses of  $p$ -Valent Functions and Related Topics in Geometric Function Theory"

**SIAM Conference on Analysis of Partial Differential Equations (Ginzburg-Landau Theory and Related Topics)**, Scottsdale, Arizona, USA **12/2015**

"Gamma-Convergence Analysis of Columnar Phases in Bent-Core Liquid Crystals".

**14th New Mexico Analysis Seminar (NMAS)**, Las Cruces, New Mexico, USA **03/2015**

" $\Gamma$ -Convergence Analysis of Columnar Phases in Bent-Core Liquid Crystals".

**2013 New Mexico Shared Knowledge Conference (NMSKC)**, Albuquerque, New Mexico, USA **04/2013**

"Analysis of Bent-Core Liquid Crystals"

**2013 Graduate Research and Arts Symposium (GRAS)**, Las Cruces, New Mexico, USA **03/2013**

"Mathematical Analysis of a Landau-de Gennes Phenomenological Model for Bent-Core Liquid Crystals"

CONFERENCES  
AND SUMMER  
SCHOOLS

**International Conference on Fractional Differentiation and its Applications**, Amman, Jordan **July 16-18, 2018**

**SIAM Conference on Mathematical Aspects of Materials Science**, Portland, Oregon, USA **July 09-13, 2018**

**2016 Joint Mathematics Meetings (JMM)**, Seattle, Washington, USA **Jan. 06-09, 2016**

**SIAM Conference on Analysis of Partial Differential Equations**, Scottsdale, Arizona, USA **Dec. 07-10, 2015**

**14th New Mexico Analysis Seminar (NMAS)**, Las Cruces, New Mexico, USA  
**March 26-28, 2015**

**2014 AMS Sectional Meeting**, Albuquerque, New Mexico, USA  
**April 05-06, 2014**

**13th New Mexico Analysis Seminar (NMAS)**, Albuquerque, New Mexico, USA  
**April 03-04, 2014**

**NSF-CBMS Regional Research Conference in the Mathematical Sciences**  
(The Global Behavior of Solutions to Critical Nonlinear Wave Equations),  
Manhattan, Kansas, USA  
**June 17-21, 2013**

**2013 CNA Summer School (Topics in Nonlinear PDEs and Calculus of Variations, and Applications in Materials Science)**, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA  
**May 30 - June 7, 2013**

**2013 New Mexico Shared Knowledge Conference (NMSKC)**, Albuquerque, New Mexico, USA  
**April 18, 2013**

**2013 Graduate Research and Arts Symposium (GRAS)**, Las Cruces, New Mexico, USA  
**March 12, 2013**

## GRADUATE STUDENT ADVISEES

### **Doctoral Student Advisees:**

**Ines Saker (PhD 2021).**

Dissertation title: “*Mathematical Aspect of the Classical N-Body Problem: From Variational Approach to Numerical Solutions*”.

**Bilal Semmar (PhD 2021).**

Dissertation title: “*Neimark-Sacker Bifurcation and Stability Analysis in Selected Discrete Fractional-Order Biological Models*”.

### **Master’s Student Advisees:**

**Ayman Gharaibeh (current MSc student).**

Thesis title: “*Dynamical behaviors of a discrete fractional-order predator-prey model*”.

**Afnan Musleh (current MSc student).**

Thesis title: “*Fekete-Szegő Problem for Analytic and Bi-univalent Functions Associated with Gegenbauer Polynomials*”.

**Farah Alquran (MSc 2021).**

Thesis title: “*A fractional study of Klein-Fock-Gordon equation: dual-wave solutions*”.

**Ahmad Mansour (MSc 2021).**

Thesis title: “*Hankel Determinant for a Class of Analytic Functions Associated with Exponential Function*”.

**Mays Alnajjar (MSc 2021).**

Thesis title: “*Fractional dynamical study of a discrete Lotka-Volterra model*”.

**Duaa Hamza (MSc 2020).**

Thesis title: “*Mathematical analysis of equilibrium states for ferroelectric liquid crystals*”.

**Aman Taha (MSc 2020).**

Thesis title: “*Theoretical study on the existence of positive solutions for a certain class of nonlinear BVPs*”.

**Abdullah Al-Jaradat (MSc 2020).**

Thesis title: “*New Fractional Analytical Study of Klein-Gordon Equation*”.

**Anoar Abadi (MSc 2019).**

Thesis title: “*Analytic Solutions of PDEs in Fractal Higher Dimensional Spaces*”.

**Mais Attyah (MSc 2019).**

Thesis title: “*A Reliable Analytical Framework for Solving Spatial-Temporal Fractional Partial Differential Equations Arising in Physical Models*”.

**Asmaa Nasser (MSc 2019).**

Thesis title: “*An Innovative Computational Method for Handling Fractional Partial Differential Equations with Multi-Memory Indices*”.

**Amal Al Shbli (MSc 2018).**

Thesis title: “*A Class of Analytic Functions Defined by Jackson  $(p, q)$ -Derivative Operator*”.

**Somaia Alroud (MSc 2018).**

Thesis title: “*Fekete-Szegö Problem for Analytic and Bi-Univalent Functions Associated with Chebyshev Polynomials of the Second Kind*”.

THESIS  
DEFENSE  
COMMITTEE

### External Examiner

**Rabaa Bny Sleem.** M.Sc. Thesis: “*Optimal Homotopy Asymptotic Method for Solving Non-linear Differential Equations*”. Irbid National University, Irbid, Jordan, August 22, 2021.

**Maysa Alsukhour.** M.Sc. Thesis: “*Combination of Laplace transform and residual power series methods to solve mathematical models involving time-fractional derivatives*”. Jordan University of Science and Technology, Irbid, Jordan, July 15, 2021.

**Yazan Abu-Darbeyeh.** M.Sc. Thesis: “*Coefficient Bounds for Certain Subclasses of Bi-Univalent Functions*”. Irbid National University, Irbid, Jordan, March 6, 2021.

**Mohammad Makhadmeh.** M.Sc. Thesis: “*An Embedding of the Residual Power Series Method into Higher Fractional Spaces: Theory and Application*”. Jordan University of Science and Technology, Irbid, Jordan, January 31, 2021.

**Saif Al-Jarrah.** M.Sc. Thesis: “*Reconstructing the Initial Distribution for the Time-Fractional Diffusion Equation*”. Yarmouk University, Irbid, Jordan, November 19, 2020.

**Emad Harahshah.** M.Sc. Thesis: “*Certain Subclasses of Bi-Univalent Functions*”. Irbid National University, Irbid, Jordan, August 5, 2020.

**Maha Husni.** M.Sc. Thesis: “*Subclasses of Analytic Functions Involving Complex Order*”. Al al-Bayt University, Al Mafrqa, Jordan, July 26, 2020.

**Thanaa Al-Fakeeh.** M.Sc. Thesis: “*Applications of Homotopy Analysis Method for Solving Linear and Nonlinear Ordinary Differential Equations*”. Irbid National University, Irbid, Jordan, July 22, 2020.

**Haya Abu Sahyoon.** M.Sc. Thesis: “*Smoothing and Numerical Differentiation of Noisy Data*”. Yarmouk University, Irbid, Jordan, May 31, 2020.



**Ola Dalalaa.** M.Sc. Thesis: “*A Study on Certain Operators and Subclasses of Analytic P-Valent Functions*”. Irbid National University, Irbid, Jordan, April 28, 2020.

**Anas Al-Elaumi.** M.Sc. Thesis: “*A Study on Certain Operators and Subclasses of Analytic Univalent Functions*”. Irbid National University, Irbid, Jordan, January 14, 2020.

**Ibrahim Al-Akalik.** M.Sc. Thesis: “*Some Inequalities Involving Hilbert Inequality and Carlson Inequality*”. Al al-Bayt University, Al Mafraq, Jordan, December 22, 2019.

**Ruwa Muhsen.** M.Sc. Thesis: “*Analytical Solution Schemes of Partial Differential Equations Equipped with Multi-Memory Indices*”. Jordan University of Science and Technology, Irbid, Jordan, December 12, 2019.

**Haneen Alsaud.** M.Sc. Thesis: “*Some Subclasses of Bi-Univalent Functions*”. Al al-Bayt University, Al Mafraq, Jordan, August 2, 2018.

### **Internal Examiner**

**Amer Alsunna.** M.Sc. Thesis: “*Fractional Partial Differential Equations*”. The University of Jordan, Amman, Jordan, August 16, 2021.

**Fatima Youbi.** Ph.D. Thesis: “*Numerical Solution of Caputo-Fabrizio Fractional Integro-Differential Equations Using Reproducing Kernel Hilbert Space Method*”. The University of Jordan, Amman, Jordan, August 9, 2021.

**Nadir Djeddi.** Ph.D. Thesis: “*Numerical Simulations for a Class of Fabrizio-Caputo Fractional Models Using Reproducing Kernel Algorithm*”. The University of Jordan, Amman, Jordan, August 5, 2021.

**Yassamine Chellouf.** Ph.D. Thesis: “*Numerical Solutions of Temporal Systems of Fractional Differential Equations Using Reproducing Kernel Hilbert Space Method*”. The University of Jordan, Amman, Jordan, August 4, 2021.

**Afaf Alhawatema.** M.Sc. Thesis: “*Atomic Solution of Second-Order Abstract Cauchy Problem*”. The University of Jordan, Amman, Jordan, May 10, 2021.

**Lahcene Rabhi.** Ph.D. Thesis: “*Direct and Inverse Fractional Abstract Cauchy Problem with Applications*”. The University of Jordan, Amman, Jordan, May 2, 2021.

**Fatima Al Dahshan.** M.Sc. Thesis: “*Nonhomogeneous Conformable Differential Equations: Undetermined Coefficients and Variation of Parameters Methods*”. The University of Jordan, Amman, Jordan, August 4, 2020.

**Ghaith Awwad.** M.Sc. Thesis: “*Atomic Solution of Second-Order Abstract Cauchy Problem*”. The University of Jordan, Amman, Jordan, December 16, 2019.

PROFESSIONAL  
SERVICES AND  
SOCIETY  
MEMBERSHIP

**Jordan Society for Scientific Research (JSSR)**  
Professional Member

**American Mathematical Society (AMS)**  
Member

**Mathematical Association of America (MAA)**  
Member

**Society for Industrial and Applied Mathematics (SIAM)**  
Member

**Mathematical Methods in the Applied Sciences**  
Reviewer

**Nonlinear Analysis and Differential Equations**  
Reviewer

**Journal of Computational and Nonlinear Dynamics**  
Reviewer

**AIMS Mathematics**  
Reviewer

**International Journal of Mathematical Analysis**  
Reviewer

**Jordan Journal of Mathematics and statistics**  
Reviewer

**Palestine Journal of Mathematics**  
Reviewer

**Turkish Journal of Mathematics**  
Reviewer

**Rocky Mountain Journal of Mathematics**  
Reviewer

**Turkish Journal of Inequalities**  
Reviewer

**TWMS Journal of Applied and Engineering Mathematics**  
Reviewer

**International Journal of Computing Science and Mathematics**  
Reviewer

**Carpathian Journal of Mathematics**  
Reviewer

**Journal of Ocean Engineering and Science**  
Reviewer

**Afrika Matematika**  
Reviewer

**Italian Journal of Pure and Applied Mathematics**  
Reviewer

**Journal of Applied Mathematics and Informatics**  
Reviewer

**Konuralp Journal of Mathematics**  
Reviewer

**Boletim da Sociedade Paranaense de Matemática**  
Reviewer

**Conference on Differential Equations: Analysis, Modeling and Numerical Computations** Irbid, Jordan  
Organizing Committee 09/2021

**International Conference on Fractional Differentiation and its Applications** Amman, Jordan  
Organizing Committee 07/2018

**The University of Jordan**  
Member, Quality Assurance and Development Affairs 2018/2020  
Member, ABET Review Committee 2018/2021  
Member, Study Plan Committee 03/2018  
Undergraduate advisor 11/2017  
Secretary of the Mathematics Department Council 2017/2019  
Department Representative at the College Council 2019/2020

Member, Scientific Research Committee	2017/2021
Member, Student Union Election Committee	2016/2017
Member, Curriculum Committee	2016/2017
Member, Seminars Committee	2016/2021

RESEARCH  
PROFILES AT  
ACADEMIC  
NETWORKS AND  
UNIVERSAL  
IDENTIFIERS

- On Google Scholar:** *Available at:*  
<https://scholar.google.com/citations?user=c-67zn0AAAAJ&hl=en&oi=ao>
- On Research Gate:** *Available at:*  
[https://www.researchgate.net/profile/Feras\\_Yousef2](https://www.researchgate.net/profile/Feras_Yousef2)
- On Scopus:** *Available at:*  
<https://www.scopus.com/authid/detail.uri?authorId=56715993100>
- On ORCID:** *Available at:*  
<https://orcid.org/0000-0003-2740-7081>
- On ResearcherID:** *Available at:*  
<https://publons.com/researcher/1949999/feras-yousef/>

TECHNICAL  
SKILLS

**Experience with on-line homework management systems:**

Webassign and Mylab.

**Experience with learning management systems:**

E-Learning, Blackboard and Canvas.

**Software:**

SPSS, Scientific WorkPlace, LaTeX, Mathematica, Matlab and Maple.