



Zarqa University-Jordan Curriculum Vitae



Dr. Waleed Al-Rawashdeh

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Pure Mathematics / Complex Analysis & Operator Theory

Academic Rank: Full Professor

Qualifications:

Ph. D. in Pure Mathematics. (2010)
Central Michigan University, Mount Pleasant, MI, USA.
Dissertation Title: Weighted Composition Operators on Weighted Hardy and Bergman Spaces.
Dissertation Advisor: Prof. Sivaram K. Narayan

M.S. in Mathematics. (1999)
The University of Jordan, Amman, Jordan.
Thesis Title: On Oscillatory Solutions of Classes of Third and Fifth Order Ordinary Differential Equations.
Thesis Advisor: Prof. Ahmad D. Alawneh

B.Sc. in Mathematics. (1995)
The University of Jordan, Amman, Jordan

Research Interest:

Complex Analysis, Operator Theory: including composition operators and Teoplitz operators, Geometric Functional Analysis, Geometric Function Theory and Operator Algebras.



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Professional Membership:

Montana Academy of Sciences (2013- present). USA
American Mathematical Society (2004 - present). USA
Mathematical Association of America (2008 - present). USA
Phi Beta Delta, Honor Society for International Scholars (2004 - present) USA

Academic Honors and Awards:

2017 Montana Tech Faculty Merit Award.
2015 Distinguished Researcher Award, Montana Tech.
2014 Rose and Anna Busch Faculty Achievement Award, Montana Tech.
2014 Montana Tech Faculty Merit Award.
Editorial Board member of the <i>Journal of Mathematics Research</i> .
Editorial Board member of the <i>Advances and Applications in Mathematical Sciences</i> .
Editorial Board member of the <i>MAYFEB Journal of Mathematics</i> .
Editorial Board member of <i>Fundamental Journal of Pure and Applied Mathematics</i> .
Editorial Board member of <i>SCIREA Journal of Mathematics</i> .
Editorial Board member of the <i>Journal Mathematics and Computer Sciences</i> .
Editorial Board member of the <i>Journal of Advances in Applied Mathematics</i> .
Nominated for the "Distinguished Researcher Award", (April 2014), Montana Tech.
Nominated for the "Rose and Anna Busch Faculty Achievement Award", (April 2013), Montana Tech.
Nominated for the "Distinguished Researcher Award", (April 2013), Montana Tech.
Outstanding Teaching Award, Central Michigan University, May 2010.
Teaching Fellowship, Central Michigan University, 2006 – 2010.
Doctoral Fellowship, Central Michigan University, 2004 – 2006.

Funded Grants:

- PI on “Weighted Composition Operators between Weighted Bergman and S^p Spaces,” Montana Tech Seed Grant, \$5,000. March, 2012 - March, 2013.
- PI on “Rieman-Stieltjes Operators from Bergman-Orlic spaces to α -Block spaces,” NYU-Abu Dhabi, \$5,000. Sept, 2021 - May, 2022.

Work Experience:

Zarqa University (Jordan)	Professor	February 2023 – Present
New York University-Abu Dhabi (UAE)	Visiting Professor	August 2019- December 2022



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Montana Tech University (USA)	Professor	August 2018 – August 2019
Montana Tech University (USA)	Associate Professor	August 2014- August 2018
Montana Tech University (USA)	Assistant Professor	August 2011- August 2014
Montana Tech University (USA)	Visiting Assistant Professor	August 2010- July 2011
Central Michigan University (USA)	Teaching Assistant	2010 August 2006- July
Jordan University of Science & Technology (Jordan)	Full-time Lecturer	July 2000- July 2004
University of Jordan's Model School (Jordan)	Math Teacher	Sept 1999- June 2000
National Orthodox School (Jordan)	Math Teacher	Sept 1995- June 1999

Publications:

1. W. Al-Rawashdeh, "Semigroups of Composition Operators on Weighted Bergman Spaces". In progress.
2. W. Al-Rawashdeh, " C^* -Algebra Generated by Weighted Composition operators on Hardy spaces". In progress.
3. W. Al-Rawashdeh, "Fekete-Szegő inequality of a Subclass of Bi-Univalent Functions involving k-Fold Ruscheweyh Derivative Operator". In Progress.
4. W. Al-Rawashdeh, "On the Study of Bi-Bazilevic Functions Based on Shell-Like Curves and Legendre Polynomials". In progress.
5. W. Al-Rawashdeh, "Fekete-Szegő inequality of a Class of Non-Bazilevic Functions Associated with Gegenbauer Polynomials". In Progress.
6. W. Al-Rawashdeh, "Applications of Hurwitz-Lerch Zeta Function on a Class of Bi-Univalent Functions Associated with q-Hyperbolic Tangent Function". In Progress.
7. W. Al-Rawashdeh and F. Tayfour, "Fekete-Szegő problem for a class of closed-to-convex univalent functions associated with q-analogue sine function", submitted for publication, November 2, 2025.
8. W. Al-Rawashdeh and F. Tayfour, "Certain Ma-Minda Type Classes of Close-to-Convex Functions Defined using Beta Negative Binomial Distribution". Submitted for publication, July 17, 2025.
9. W. Al-Rawashdeh and Fau'd Al-Karaki, Coefficient Estimates of Certain Classes of Bi-Univalent Functions Related to Hadamard and Gegenbauer Polynomials. Submitted for Publication, June 3, 2025.



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10. W. Al-Rawashdeh, "Rieman-Stieltjes Operators from Bergman-Orlic spaces to α -Block spaces". Submitted for Publication, January 2025.
11. W. Al-Rawashdeh, "A Miller-Ross-Type Poisson Distribution Connected with Certain Class of Starlike Functions". *Bulletin of Mathematical Analysis and Applications*, Vol. 17, Issue 03, 2025, 35-51.
12. W. Al-Rawashdeh, "On Certain Classes of Bi-Bazilevic Functions Defined by q-Ruscheweyh Differential Operator". *WSEAS Transaction of Mathematics*, Vol. 24, No. 15, 2025, 144-156.
13. W. Al-Rawashdeh, "Connection between Legendre Polynomials and Classes of Bi-Bazilevic Functions Defined by Borel Distribution and Ruscheweyh Operator". *International Journal of Nuetrosoptic Science*, Vol. 26, No. 03, 2025, 242-258.
14. W. Al-Rawashdeh, "A Certain Subclass of Close-to-Convex Functions satisfying Subordinate Conditions". *Bulletin of Mathematical Analysis and Applications*, Vol. 17, Issue 01, 2025, 32-37.
15. W. Al-Rawashdeh, "Applications of Borel Distribution and Mittag-Leffler Function on a Class of Bi-Univalent Functions". *Int. J. of Analysis and Applications*, Vol. 23, No. 41, 2025.
16. W. Al-Rawashdeh, "An Application of Legendre Polynomials to Bi-Bazilevic Functions Associated with q-Ruscheweyh Operator". *European Journal of Pure and Applied Mathematics*, Vol. 18, Issue 1, 2025, 1-20.
17. W. Al-Rawashdeh, "A New Class of Generalized Starlike Bi-Univalent Functions Subordinated to Legendre Polynomials", *Int. J. of Analysis and Applications*, Vol. 22, No. 218, 2024.
18. W. Al-Rawashdeh, "A Class of p-Valent Closed-to-Convex Functions Defined using Gegenbauer Polynomials", *Contemporary Mathematics*, Vol. 5, Issue 4, 2024, 6093.
19. W. Al-Rawashdeh, "On the Study of Bi-Univalent Functions Defined by the Generalized Salagean Defferential Operator". *European J. of Pure and Appl. Math.*, Vol. 17, No. 4, 2024, 3892-3907.
20. W. Al-Rawashdeh, "Applications of Horadam Polynomials to A Class of Close-to-Convex Functions". *Int. J. of Analysis and Applications*, Vol. 22, No. 118, 2024.
21. W. Al-Rawashdeh, "Volterra-Composition Operators Acting on S^p Spaces and



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- weighted Zygmund Spaces”. *European J. of Pure and Appl. Math.*, Vol. 17, No. 2, 2024, 1307-5543.
22. W. Al-Rawashdeh, “A Class of Non-Bazilevic Functions Subordinate to Gegenbauer Polynomials”. *Int. J. of Analysis and Applications*, Vol. 22, No. 29, 2024.
23. W. Al-Rawashdeh, “A family of Analytic Functions Subordinate to Horadam Polynomials”. *European J. of Pure and Appl. Math.*, Vol. 17, No. 1, 2024, 158-170.
24. W. Al-Rawashdeh, “Coefficient Bounds of a class of Bi-Univalent Functions Related to Gegenbauer Polynomials”. *Inter. Journal of Mathematics & Computer Science*, 19(2024), no. 3, 635-642.
25. W. Al-Rawashdeh, “Feket-Szego Functional of a Subclass of Bi-Univalent Functions Associated with Gegenbauer Polynomials”. *European J. of Pure and Appl. Math.*, Vol. 17, No. 1, 2024, 105-115.
26. W. Al-Rawashdeh, “Applications of Gegenbauer Polynomials to a Certain Subclass of p-Valent Functions”. *WSEAS Transactions on Mathematics*, 22 (2023), 1025-1030.
27. W. Al-Rawashdeh, “Horadam Polynomials and a Class of Bi-univalent Functions Defined by Ruscheweyh Operator”. *Int. J. of Math. and Math. Sciences*, Volume 2023, Article ID 2573044.
28. W. Al-Rawashdeh, “Products of Differentiation and Weighted Composition Operators from Hardy Spaces to Weighted-type Spaces”. *J. Math. Comp. Sc.*, 9(2019), 167-181.
29. W. Al-Rawashdeh, “Composition Operators between Weighted Bergman and S^p Spaces”, *New Zealand J. Mathematics*, 47(2017), 141-150.
30. W. Al-Rawashdeh, “Direct and Reverse Carleson Conditions on Generalized Weighted Bergman-Orlicz Spaces”, *Analysis in Theory and Applications*, 33(2017), 287-300.
31. W. Al-Rawashdeh, “Generalized Composition Operators on Weighted Hilbert Spaces of Analytic Functions”, *Int. J. Advanced Research in Mathematics*, 10(2017), 1-13.
32. W. Al-Rawashdeh, “Weighted Differentiation Composition Operators from Nevanlinna Classes to Weighted-type Spaces”, *J. Math. Analysis*, 8(2017), 163-175.
33. W. Al-Rawashdeh, “Compact Weighted Composition Operators between Generalized Fock Spaces”, *Missouri J. Math. Sci.*, 28(2016), 62-75.



34. W. Al-Rawashdeh, “Weighted Composition Operators on Generalized Fock-type Spaces”, *J. Math. Sc. Adv. Appl.*, 33(2015), 25-36.
35. W. Al-Rawashdeh, “Schatten Class Weighted Composition Operators on Generalized Fock Spaces $\mathcal{F}_{\phi}^2(\mathbb{C}^n)$ ”, *Int. J. Mathematical Analysis*, 9(2015), 1379 – 1384.
36. W. Al-Rawashdeh, “Essential Norm of Weighted Composition Operators on Bargmann-Fock Spaces”, *Adv. Inequal. Appl.*, 6(2015), 1-15.
37. W. Al-Rawashdeh, “Compact composition operators on Weighted Hilbert Spaces”, *J. Appl. Functional Analysis*, 10(2015), 101-108.
38. W. Al-Rawashdeh, “Composition Operators on Weighted Hardy Spaces”, *Rocky Mountain J. Math.*, 44(2014), 1053-1072.
39. W. Al-Rawashdeh, “Quasihomogeneous Toeplitz Operators on Weighted Bergman Spaces of the Unit Ball”, *J. Math. Analysis*, 5(2014), 12-17.
40. W. Al-Rawashdeh, “Composition Operators on Generalized Nevanlinna Class”, *Missouri J. Math. Sci.*, 26 (2014), 14-22.
41. W. Al-Rawashdeh, “Weighted Composition Operators between Weighted Bergman and S^p Spaces”, *Bulletin of Math. Anal. Appl.*, 5(2013), 54-64.
42. W. Al-Rawashdeh and S. K. Narayan, “Difference of Composition Operators on Hardy spaces”, *J. Math. Inequalities*, 7(2013), 427- 444.
43. W. Al-Rawashdeh and S. K. Narayan, “Weighted Composition Operators on Weighted Bergman Spaces of the Unit Ball”, *Int. J. Pure Appl. Math.*, 78(2012), 161-183.

Conference Organized/Chaired:

- Co-Organizer of the AMS Special Session of Functional Analysis and its Applications, held on September 14-15, 2019 at the University of Wisconsin-Madison, USA.
- Co-chair of a session on Operator Theory and Banach Spaces for the American Mathematical Society, AMS/MAA National Joint Mathematics Meeting, Baltimore, Maryland, USA, January 15 – 18, 2014.
- Chair of a session on Operator Theory for the American Mathematical Society, AMS/MAA Joint Mathematics Meeting, New Orleans, USA, January 6 – 9, 2011.



Conferences Presentations: (* indicates Montana Tech Student)

1. “Generalized Composition Operators on Weighted Hilbert Spaces of Analytic Functions”, AMS Spring Central and Western Joint Sectional Meeting, University of Hawaii, March 22-24, 2019.
2. “Generalized Composition Operators on Weighted Hilbert Spaces of Analytic Functions”, AMS Session on Operator Algebras and Function Spaces, AMS/MAA National Joint Mathematics Meeting, San Diego, CA, January 12, 2018.
3. “Weighted Differentiation Composition Operators from Nevanlinna Classes to Weighted-type Spaces”, AMS Western Fall Sectional Meeting, University of California, Riverside, CA, November 4-5, 2017.
4. “Compact Weighted Composition Operators between Generalized Fock Spaces”, AMS Spring Western Sectional Meeting, Washington State University, April 22-23, 2017.
5. Tyler Talor*, W. Al-Rawashdeh “Continuous Nowhere Differentiable Functions”, 2017 Montana Academy of Sciences Annual Meeting, Montana Tech, Butte, April 8, 2017.
6. Jeff Preston*, W. Al-Rawashdeh “Essentially Normal Composition Operators on the Hardy Spaces”, 2017 Montana Academy of Sciences Annual Meeting, Montana Tech, Butte, April 8, 2017.
7. “Schatten Class Weighted Composition Operators on Generalized Fock Spaces”, MAA Session on Analysis, AMS/MAA National Joint Mathematics Meeting, Atlanta, Georgia, January 4-7, 2017.
8. “Essential Norm of Weighted Composition Operators on Bargmann-Fock Spaces”, AMS Session on Operator Theory, AMS/MAA National Joint Mathematics Meeting Atlanta, Georgia, January 4-7, 2017.
9. “Composition Operators on Weighted Hilbert Spaces”, AMS Spring Western Sectional Meeting, University of Utah, April 9-10, 2016.
10. “Composition Operators on Generalized Weighted Nevanlinna Class”, MAA Session on Analysis II, AMS/MAA National Joint Mathematics Meeting, Seattle, Washington, January 9, 2016.
11. “Compact Composition Operators on Weighted Hilbert Spaces”, AMS Session on Functional Analysis and Operator Theory I, AMS/MAA National Joint Mathematics Meeting, Seattle, Washington, January 6, 2016.
12. “Weighted Composition Operators on Weighted Hardy and Bergman Spaces”, Montana Tech Public Lecture Series, November 5, 2015.
13. “Composition Operators on Generalized Weighted Nevanlinna”, AMS Spring Western



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Sectional Meeting, University of Nevada, April 18, 2015.

14. “Composition Operators on Weighted Bergman and S^p Spaces”, 2015 Montana Academy of Sciences Annual Meeting, Montana Tech, Butte, April 11, 2015.
15. “Weighted Composition Operators between Weighted Bergman and S^p Spaces”, AMS Session on Operator Theory and Banach Spaces, AMS/MAA National Joint Mathematics Meeting, Baltimore, MD, January 2014.
16. “Weighted Composition Operators between Weighted Bergman and S^p Spaces”, AMS Western Fall Sectional Meeting, University of California, Riverside, CA, Nov. 2-3, 2013.
17. “Weighted Composition Operators between Weighted Bergman and S^p Spaces”, AMS Spring Central Sectional Meeting, Iowa State University, Ames, IA, April 2013.
18. “Composition Operators between Weighted Bergman and S^p Spaces”, AMS Spring Southeastern Sectional Meeting, University of Mississippi, Oxford, MS, March 2013.
19. “Composition Operators between Weighted Bergman and S^p Spaces”, AMS Session on Functional Analysis and Operator Theory II, AMS/MAA National Joint Mathematics Meeting, San Diego, CA, January 2013.
20. “Compact Weighted Composition Operators on Bergman Spaces”, AMS Session on Functional Analysis and Operator Theory III, AMS/MAA National Joint Mathematics Meeting, Boston, MA, January 2012.
21. “Hilbert-Schmidt Difference of Composition Operators on Hardy Space”, 27th Southeastern Analysis Meeting, University of Florida, Gainesville, FL, March 2011.
22. “Schatten p -class of Weighted Composition operators on Bergman Spaces of the Unit Ball”, AMS Session on Operator Theory, AMS/MAA National Joint Mathematics Meeting, New Orleans, LA, January 2011.
23. “Weighted Composition Operators in Bergman Spaces on the Unit Ball”, AMS Special Session on Analysis and Control under Uncertainty I, AMS/MAA National Joint Mathematics Meeting, San Francisco, CA, January 2010.

Professional Development and Workshops:

I have attended several lectures and workshops that are related to teaching and research. The following are prominent:

- The online webinar titled “Redesigning the Math Curriculum with Corequisite Courses: Planning & Practice”, Knewton’s alta courseware, presented by two math professors from



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St. Louis Community College and National Louis University, September 25, 2018.

- The online webinar titled “Diversity in Peer Review”, Elsevier Researcher Academy, September 13, 2018.
- The online Council on Undergraduate Research Webinar: Assessing Undergraduate Research What We Can Learn from Assessment at Multiple Levels, Wednesday, December 16, 2015.
- The “Two-Day Professional Grant Development Workshop”, Co-Sponsored with Montana State University Billings, March 30-31, 2015.
- The MAA workshop “Getting students involved in undergraduate research”, AMS/MAA National Joint Mathematics Meeting, Boston, Massachusetts, USA, Jan. 4 – 7, 2012.
- The workshop “Symplectic and Contact Geometry and Topology”, Mathematical Sciences Research Institute, Berkeley, California, USA, Aug. 3 - 14, 2009.
- The 25th Southeastern Analysis Meeting, University of South Florida, Tampa, Florida, USA, March 20 - 22, 2009.
- The Classical Analysis Meeting, University of North Carolina, Chapel Hill, North Carolina, USA, September 7 - 9, 2007.
- A two-week University Level Mathematics Teaching Workshop, Central Michigan University, Mt. Pleasant, Michigan, USA, August 2007.
- The International Teaching Assistant Training, College of Graduate Studies, Central Michigan University, Mt. Pleasant, Michigan, USA, Nov. – Dec. 2006.
- The workshop “Classroom Management and Classroom Interaction” American University at Beirut, Department of Educational Programs, Workshop for the National Orthodox School Teachers, Amman, Jordan, August 12 - 17, 1995.

Master’s Thesis whom I supervised:

- Fatima Saleh Tayfour, “Feket-Szego Problem for some Classes of Clse-to-Convex Univalent Functions”. In progress. March 2025- to present.
- Fau’d Al-Karaki, “Connection Between Certain Classes of Bi-Bazilevic Functions and



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Orthogonal Polynomials”. In Progress. December 2024- to present.

- Mohammad Anwer Abusaif, “Adapting the Cartesian Decomposition of Matrices to Locate the Zeros of Polynomials”. (MS of Mathematics, Zarqa University, May 2025).
- Salam Taysir Ahmad, “Pointwise Contraction Mappings and Fixed-Point Theorems in Banach Spaces”. (MS of Mathematics, Zarqa University, January 2025).
- Hiyam Hammad, “On Some Near Open Concepts of Generalized Rough Sets”. (MS of Mathematics, Zarqa University, May 2024).
- Alaa Badar, “On New Topological Approaches for Some Generalized Rough Sets”. (MS of Mathematics, Zarqa University, August 2023).
- Maryam Sroji, “Fractional Calculus in Banach Spaces and Some applications”. (MS of Mathematics, Zarqa University, May 2023).
- Ryan Stevenson, “Stable Isotopes of Hydrothermal Carbonate Minerals in the Butte Porphyry-Lode Deposits, Montana”. (MS of Geoscience, Montana Tech, Fall 2015).
- Jerry Kyeremateng, “Electrospinning Simulation and Experiment Leading to Morphology Control of Polymer Fibers”. (MS of Mechanical Engineering, Montana Tech, Fall 2014).
- Adeniyi Adewuyi, “Derivation of Soil Moisture and Snow Wetness from Satellite Radar Images over a Permafrost Region in Interior Alaska”. (MS of Geophysical Engineering, Montana Tech, Fall 2014).

DEPARTMENT / UNIVERSITY / PROFESSIONAL SERVICE

Professional Service:

- Editorial Board member of the *Journal of Mathematics Research*.
- Editorial Board member of the *Advances and Applications in Mathematical Sciences*.
- Editorial Board member of the *MAYFEB Journal of Mathematics*.
- Editorial Board member of *Fundamental Journal of Pure and Applied Mathematics*.



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- Editorial Board member of *SCIREA Journal of Mathematics*.
- Editorial Board member of the *journal Mathematics and Computer Sciences*.
- Editorial Board member of the *Journal of Advances in Applied Mathematics*
- Reviewer for *Journal of Mathematical Analysis and Applications*.
- Reviewer for the *Journal Complex Analysis and Operator Theory*
- Reviewer for the *Journal of Mathematics and System Science*.
- Reviewer for the *International Journal of Mathematical Analysis*.
- Reviewer of the *Mathematical Reviews (Edited by: American Mathematical Society)*.
- Reviewer for the *Zentralblatt MATH (Edited by: Springer, European Mathematical Society, Leibniz Institute for Information Infrastructure, Heidelberg Academy)*.
- Reviewer for the 2019 NSF Graduate Research Fellowship (NSF-GRFP).
- Reviewer for the 2018 NSF Graduate Research Fellowship (NSF-GRFP).
- I was a 2018 NSF Panelist. I will serve on two NSF-GRFP panels: Mathematical Sciences panel that will be held at January 16, and Mathematical Sciences Panel held at January 19, 2018.
- Reviewer for the Council on Undergraduate Research's Posters on the Hill 2018.
- Reviewer for the 2017 NSF Graduate Research Fellowship Program (NSF GRFP). I served on two NSF-GRFP panels: Mathematical Sciences panel that will be held at January 23, and Mathematical Sciences Panel held at January 26, 2017.
- I was a 2017 NSF Panelist. I served on two NSF-GRFP panels: Mathematical Sciences panel that will be held at January 23, and Mathematical Sciences Panel held at January 26, 2017.
- Judge for the 2017 JMM student poster session, January 2017, AMS/MAA Joint



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Mathematics Meeting, Atlanta, Georgia, January 4-7, 2017

- Reviewer for the Council on Undergraduate Research's Posters on the Hill 2017.
- Reviewer for the Council on Undergraduate Research's Posters on the Hill 2016.
- Judge for the 2016 JMM student poster session, January 2016, AMS/MAA Joint Mathematics Meeting, Seattle, Washington, January 6-9, 2016
- Reviewer of 2016 NSF Graduate Research Fellowship Program (NSF GRFP).
- I was a 2016 NSF panelist; I served on two NSF-GRFP panels: Mathematical Sciences panel held at January 25, and Mathematical Sciences Panel held at January 28, 2016.
- Reviewer of 2015 NSF Graduate Research Fellowship Program (NSF GRFP). I think serving as a GRFP reviewer is an excellent opportunity to serve my field and to help determine future leaders in the field of science and research.
- I was a 2015 NSF panelist; I have served on two NSF-GRFP panels: Mathematical Sciences panels held at January 12, 2015 and January 15, 2015.
- I was a co-chair of the AMS Session on Operator Theory and Banach Spaces for the American Mathematical Society, AMS/MAA National Joint Mathematics Meeting, Baltimore, MD, January 14 – 18, 2014.
- I was a chair of the AMS Session on Operator Theory for the American Mathematical Society, AMS/MAA National Joint Mathematics Meeting, New Orleans, Jan. 6-9, 2011.
- I have reviewed a chapter in the research-level book “Isometries in Banach Spaces: Vector-valued Function Spaces”, by R. J. Fleming & J. E. Jamison, second volume, 2008 Taylor & Francis Group.

University / College Service:

- Representative of the Faculty of Science at the University Council (Zarqa University). (September 2023 - Present).
- Member of the Faculty of Science Accreditation and Quality Assurance Committee (Zarqa University). (September 2023 - Present)



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- Member of the Faculty of Science Graduate Studies Committee (Zarqa University). (September 2023 -Present).
- Member of the Faculty of Science Scientific Research Committee (Zarqa University). (September 2023 -Present).
- Member of the General Education Review Committee (2011-2019).
- Member of the Research Advisory Committee (2011-2019).
- Member of the Scholarships Committee (2011-2019).
- Member of the Strategic Planning Committee (2012-2019).
- Member of the Graduate Council (2017-2019)
- Member of the (2017-2018) Merit Award Committee
- Member of the Distinguished Researcher Award Committee (Spring 2017).
- Member of the Distinguished Researcher Award Committee (Spring 2016).
- Member of the Rose and Anna Busch Selection Committee (Spring 2015).
- Reviewer/Judge for the 2017 Intermountain Junior Sciences and Humanities Symposium, Montana Tech.
- Reviewer/Judge for the 2016 Intermountain Junior Sciences and Humanities Symposium, Montana Tech.
- Judge for the 2016 Montana Tech Sciences Fair.

Department Service:

- Member of the Math Department Accreditation and Quality Assurance Committee (Zarqa University). (September 2023 - Present).
- Member of the Math Department Graduate Studies Committee (Zarqa University). (September 2023 -Present).



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- Member of the Math Department Scientific Research Committee (Zarqa University). (September 2023 -Present).
- I have served on the Visiting Assistant Professor of Statistics Search Committee (Spring 2016).
- I have served on the Mathematics Instructor Search Committee (Spring 2015).
- I have served on the Visiting Assistant Professor of Mathematics Search Committee (Spring 2014).
- I have served on the Assistant Professor of Mathematics Search Committee (Spring 2013).
- I have served on the Mathematics Instructor Search Committee (Spring 2013).
- I have served on the Diff. Equations Textbook Selection Committee (Spring 2013, Fall 2018).
- I have served on the Mathematics Curriculum Committee (Fall 2011-present).
- I have developed the course M376 - Topology, which was added as a required course to the math curriculum after it was approved by Mathematics Department and the Curriculum Review Committee in the Spring of 2012.
- I have traveled with the Mathematics Department students to the AMS/MAA Joint Mathematics Meeting in Atlanta, January 2017.
- I have traveled with the Mathematics Department students to the AMS/MAA Joint Mathematics Meeting in Seattle, January 2016.
- I have traveled with the Mathematics Department students to the AMS/MAA Joint Mathematics Meeting in Baltimore, January 2014.
- I have traveled with the Mathematics Department students to the AMS/MAA Joint Mathematics Meeting in Boston, January 2012.



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- I have traveled with the Mathematics Department students to the AMS/MAA Joint Mathematics Meeting in New Orleans, January 2011.
- I have represented the Department at the 2015 Commencement Ceremony.
- I have represented the Department at the Convocation Ceremony (Fall 2012).
- I have represented the Department at the Convocation Ceremony (Fall 2011).
- I have represented the Department at Tech Day (April 13, 2012).
- I have represented the Department at Tech Day (January 27, 2012).
- I have represented the Department at Tech Day (January 10, 2012).
- I have represented the Department at Orientation Events (Spring 2012).
- I have represented the Department at Tech Day (October 20, 2011).

TEACHING EXPERIENCE:

1. Zarqa University (February 2023 - Present):

- Calculus 1 – Math 101 (Spring 2023)
- Calculus III- 0301201 (Fall2025)
- Advanced Calculus – Math 201 (Spring 2023, Summer 2023, Summer 2025, Fall 2025)
- Real Analysis I – Math 311 (Spring 2023, Fall 2023, Spring 2024, Fall 2024)
- Complex Analysis – Math 413 (Fall 2023, Spring 2024, Fall 2024, Fall 25)
- Special Topics II – Math 488 (Fall 2024)
- Mathematical Analysis - Math 412 (Spring 2025)
- Introduction to Functional Analysis - Math 414 (Spring 2025)
- Measure Theory – Math 752 (Spring 2024, Spring 2025)
- Complex Analysis – Math 756 (Fall 2023)



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- Functional Analysis – Math 758 (Summer 2024)
- Topology – Math 754 (Summer 2025)

2. New York University - Abu Dhabi (August 2019 – December 2022):

- Trigonometry and Differential Calculus - MATH 1005 (Fall 2019, Fall 2022)
- Integral Calculus - MATH 1009 (J-Term 2020).
- Calculus with App. to Science and Engineering - MATH 1012Q (Spring 2020, Fall 2020, Spring 2021, Spring 2022).
- Mathematics for Statistics & Calculus (Fall 2020, Fall 2021)
- Multivariable Calculus with App. to Sciences and Engineering-MATH 1020 (Spring 2021, Spring 2022)
- Complex Analysis (Spring 2021, Spring 2022)

3. Montana Tech University (August 2010 – August 2019):

- Undergraduate Research (M490) – (Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017).
- Special Topics (M491) – Combinatorics (Spring 2016).
- Special Topics (M491) – Topology (Spring 2013).
- Special Topics (M491) – Advanced Algebraic Structures (Spring 2012).
- Advanced Calculus I (Real Analysis I) – M435W (Fall 2013, Fall 2014, Fall 2015, Fall 2016, Fall 2017).
- Advanced Calculus II (Real Analysis II) – M436W (Spring 2014, Spring 2015, Spring 2016, Spring 2017, Spring 2018).
- Complex Variables (Spring 2018, Spring 2019)
- Topology – M376 (Spring 2015).
- Algebraic Structures I (Abstract Algebra I) – M351 (Fall 2011 & Fall 2012).
- Algebraic Structures II (Abstract Algebra II) – M352 (Spring 2012, Spring 2013, Spring 2014).
- Linear Algebra – M333 (Fall 2011, Fall 2012, Fall 2013, Fall 2014, Spring 2016, Fall 2016, Spring 2017, Fall 2017).
- Differential Equations – M274 (Fall 2011, Fall 2012, Summer 2013, Fall 2013, Spring 2014, Summer 2014, Fall 2014, Fall 2015, Spring 2016, Spring 2018).



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- Multivariable Calculus - M273 (Spring 2011, Summer 2011).
- Calculus II – M172 (Spring 2012, Summer 2012, Fall 2012, Summer 2014, Spring 2015, Summer 2015, Fall 2015, Summer 2017, Spring 2018, summer 2018, summer 2019).
- Calculus I – M171 (Spring 2012, Summer, 2012, Spring 2013, Summer 2013, Fall 2016, Fall 2017, Fall 2018).
- Pre-Calculus – M151 (Fall 2010, Spring 2011, Spring 2019).
- College Algebra – M121 (Fall 2010, Spring 2011, Fall 2012, Fall 2018).
- Introductory Algebra – M 090 (Fall 2018).

2. Central Michigan University (August 2004 –August 2010):

- Linear Algebra and Matrix Theory
- Introduction to Statistics and Probability
- Calculus I
- Pre-Calculus
- Intermediate Algebra

3. Jordan University of Science and Technology (2000 – 2004):

- Ordinary Differential Equations
- Intermediate Analysis
- Calculus II
- Calculus I
- Calculus (for Biological Sciences)

Courses interested in teaching (in addition to the courses I have taught):

Operator Theory, C*-Algebra, Fourier Analysis, Harmonic Analysis, Differential Geometry, Euclidean and Non-Euclidean Geometry, Partial Differential Equations, Vector Analysis, Mathematical Statistics, and Probability Theory.



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Personal Information:

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