CURRICULUM VITAE

Mohammad Z. Raqab

Personal Data

Date and Place of Birth : January 1958, Al-Karameh, Jordan
Marital Status : Married, four children
Nationality : Jordanian
Mailing Address : Department of Mathematics
University of Jordan, Amman 11942, JORDAN
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Academic Interests

Statistical Models Involving Ordered Data Analysis
Optimal Evaluations of Statistical Functionals
Biostatistical Applications on Censoring Data
General Distribution and Reliability Theory
Intensive Computer Studies

Degrees Held

Ph. D. (Statistics) Department of Statistics,
The Ohio State University, Ohio, USA; 1992
(https://etd.ohiolink.edu/pg_10?0::NO:10:P10_ACCE
SSION_NUM:osu1487776801323161)

M. Sc. (Statistics) Department of Statistics,
The Ohio State University, Ohio, USA; 1989

Diploma (Staff Assistant) University of Jordan; 1987

M. Sc. (Math., Stat.) University of Jordan, Jordan; 1985

B. Sc. (Mathematics) University of Jordan, Jordan; 1981

Online Links:

https://eacademic.ju.edu.jo/mraqab/default.aspx
http://www.stat.kuniv.edu/people/faculty-members-mohammad-alraqab
https://www.researchgate.net/profile/Mohammad_Raqab

Honors and Awards

- **Khalifa Award for Education**, Higher Education within Arab World (Distinguished Professor in Scientific Research), United Arab Emirates, Abu Dhabi, April, 2012.
- **Hamdi Mango Award for Distinguished Researcher**, Hamdi Mango Center for Scientific Research, University of Jordan, Jordan, April 2012.
- **Achievement Award for distinguished researcher**, University of Jordan, Jordan, June, 2006.
- **A Distinguished Researcher Award in Statistics**, Ministry of Higher Education and Scientific Research, Amman, Jordan, November 2005.
- **Abdul-Hameed Shoman Prize for Young Arab Researchers in Mathematics and Computer Science**, Abdul-Hameed Shoman Foundation, Amman, Jordan, 2001.
- **Outstanding Performance and Distinction Award in Research in UAE University**, UAE, July, 2001.
- **TWAS Prize for the Young Scientists**, Third World Academic Sciences, Italy, Sept. 1998.
- **Graduate Assistantship**, Ohio State University, Sept. 1989-June 1992.
- **Ph. D. Scholarship as the outstanding M.Sc. candidates in Math. & Stat.**, University of Jordan, Jordan, 1987.
- **Achievement Award as the excellent student of the college of science**, Autumn 1981.

Teaching and Professional Experience

1. Professional Positions

Sept. 2021- present	Full Professor, Department of Mathematics, The University of Jordan
Sept. 2018- Sept. 2021	Chair, Department of Mathematics, Univ. of Jordan, Jordan
Sept. 2018- present	Full Professor, Department of Mathematics, Univ. of Jordan, Jordan
Sept. 2012- Sept. 2018	Full Professor, Department of Statistics & OR, Kuwait University, Kuwait
Jan. 2005- Sept. 2012	Full Professor, Department of Mathematics, Univ. of Jordan, Jordan
Sept. 2011- Sept. 2012	Chair, Department of Mathematics, Univ. of Jordan, Jordan
Aug. 2009- Dec. 2009	Acting Dean for the Faculty of Science, Univ. of Jordan, Jordan.
Aug. 2007- Dec. 2009	Vice Dean for the Faculty of Science, University of Jordan, Jordan.
Aug. 2004 – Aug. 2007	Director of University of Jordan Library, University of Jordan, Jordan

Mar. 2004-Aug. 2004	Assistant to the Dean for Planning and Developing Affairs, Faculty of Science, Univ. of Jordan, Jordan
Sept. 2003- Aug. 2004	Assistant to the Dean for the First Year Students Affairs, Faculty of Science, Univ. of Jordan, Jordan.
Sept. 2001- Jan. 2005	Assoc. Prof., Dept. of Mathematics, Univ. of Jordan, Jordan
Sept. 1998- Aug. 2001	Assoc. Prof., Dept. of Statistics, UAE University, United Arab Emirates (Leave: 1998-2000, Sabbatical: 2000 - 2001)
Jan. 1998- Sept. 1998	Assoc. Prof., Dept. of Mathematics, Univ. of Jordan, Jordan
July 1992- Jan. 1998	Assistant Prof., Dept. of Mathematics, Univ. of Jordan, Jordan
Sept. 1989- June 1992	Graduate Teaching, Ohio State University, USA
Jan. 1985 – Sept.1987	Instructor, Dept. of Mathematics, University of Jordan, Jordan
Aug. 1983- Aug.1985	Teaching of Mathematics Curriculum, Ministry of Education, Jordan
Jan. 1981- Jan.1983	Instructor, Royal Jordanian Air Force School, Jordan

2. Teaching Experience (Courses Taught)

Statistical Packages for Actuarial Sciences, Probability Theory (undergraduate and graduate levels), Applied Probability, Applied Statistics, Mathematical Statistics (undergraduate and graduate levels), Survival Analysis, Mathematics for Finance, Applied Regression Analysis (undergraduate and graduate levels), Multivariate Analysis, Statistical Inferences, Stochastic Processes, Nonparametric Statistics, Order and Record Random Variables, Reliability Theory (graduate level), Experimental Designs, Theory of Statistics (I & II), Time Series, Sampling Methods, Calculus (I, II, III,), Linear Algebra, Mathematical Programming, Elementary Statistics, Statistical Methods (I & II), Mathematics for Finance, Statistics for Business (I & II), Applied Statistics for Environmental Sciences (graduate), Applied Statistics for Water Resources (graduate, UAE Univ.), Mathematics for Business, Biostatistics (Univ. of Jordan, Petra Univ., UAE Univ.), Advanced Biostatistics (graduate level), Operation Research I (Univ. of Jordan, Petra Univ., UAE Univ.), Operation Research II (Petra Univ.), Statistics for Communications (UAE Univ.), Statistics for Education (UAE Univ.).

3. Teaching, Research and Information Workshops and Conferences Attended

- First Global eIFL.IP Conference: *Intellectual Properties and Related Issues*, Presenters: Teresa Hackett (Irland), Jonathan Band (USA) and Laurence Bebbington (UK), Istanbul, Turkey, April 4-5, 2008.
- Workshop on *Strategic Marketing for Academic and Research Libraries*, Presenter: Kenneth Mark(USA), Le Meridien Park Atlantic, Lisbon, Portugal, April 2-4, 2007.
- Regional Workshop for Former Soviet Union, *South-East Asia and the Middle East on Advocacy for Access to Information: Copyright & Related Issues*, National University of Kyiv-Mohyla Academy, Kiev, Ukraine, May 26-27, 2006.
- The Future of Information Technology and Communication in the Higher Education, The Ministry of Higher Education, Amman, Jordan, Dec. 1-3, 2005.
- The Second Conference On Scientific Research in Jordan: *Moving Towards A Distinguished Scientific Research*, Amman, Jordan, Novermber 12, 2005.
- Developing and Assessing Key Skill and E-Learning, Higher Education Links/University of Jordan-University of Chester (organized by Christine Stockton, Director of Learning

Resources and British Link Coordinator), University of Chester, Chester, UK, Nov. 6-11, 2005.
- Workshop on Swets Information Services and Management of Databases (presented by Mr. Nick Collison and Ms. Lorraine Ellery), Holiday In Hotel, Amman, Jordan, Oct. 11, 2004.
- Workshop on Strategies of Search at Virtual Libraries, Organizer: Arabic Network for Open Learning and Distance Learning, Private Zarqa University, Jordan, Dec. 12-13, 2004.
- Training Workshop about IDAMS System for Statistical Methods Using VSAT Communication Media, The Jordan National Commission for Education Culture & Science, Jordan T. V., Amman, Jordan, April 25-26, 2004.
- Workshop on Preparation for International Computer Driving License ICDL, University of Jordan, Feb. 8 – April 15, 2004.
- Workshop on Higher Education Development Project "HEDP Round 3 Proposal Preparation", National Center for Human Resources Development, Jordan, June 22-23, 2003.
- Workshop on Actuarial Profession & Career Opportunities, Univ. of Jordan, Amman, Jordan, May 20, 2003.
- Workshop on Statistical Methods for Users of "IDAMS" System, Univ. of Jordan, Amman, Jordan, April 21-25, 2002.
- Seminar Series in Teaching Methodologies and Forums, UAE Univ., 1998-2001.
- Workshop on Web Development (Front Page), UAE Univ., March 15-20, 1999.
- Workshop on "Introduction to HTML", UAE Univ., March 23-27, 1999.
- Workshop on Case Writing Process: Developments & Strategies, UAE University, UAE, March 6-8, 1999.
- Workshop on Design and Build Academic Outlines, Univ. of Jordan, Amman, Jordan, Oct. 20-23, 1994.

4. Computing Experience
- **Computer:** IBM 4341, IBM 3081, VAX 8550, Macintosh II, Macintosh-Quadra 650, PC- Pentium II, III, IV, Windows 7, 8.1.
- **Languages:** Basic, Fortran, and Cobol
- **Packages:**
  1. Mathematics and Statistics Packages:
  SAS 8.1, MINITAB 17, SPSS , Systat, Mathematica 9.0, Matlab 6, Data Desk, Macsyma on Vax, S-PLUS, NCSS 2000/ PASS 2000
  2. Operations Research Packages:
  LINDO, WINQSB, QM for Windows & Management Scientist
  3. Word Processing:
  Microsoft Word, Microsoft Works, Excel, PowerPoint, Scientific Word, Scientific Work Place 5, MikTex, Latex, WenEdit 5.5.
- **Passing International Computer Driving License Exams (ICDL-9 Modules).**
  (Introduction, Windows, Internet, Word, PowerPoint, Excel, Outlook, FrontPage, Access)

Intellectual Contributions

1. Publications

(a) Articles:

1. Raqab, M. Z. (1994). Modified Maximum Likelihood Predictors of Future Order Statistics from Rayleigh Samples, *The Egyptian Statistical Journal* 38(1), 1-17.
2. Raqab, M. Z. (1995). On the Maximum Likelihood Prediction of the Exponential Distribution Based on Doubly Type II Censored Samples, *Pakistan Journal of Statistics* 11(1), 1-10.
3. Raqab, M. Z. (1995). Bayesian Prediction of Future Record Statistics from the Burr Model, *Dirasat (Pure and Applied Sciences)* 22B, 297-308.
4. Raqab, M. Z. and Nagaraja, H. N. (1995). On Some Predictors of Future Order Statistics, *Metron* LIII-N.1-2, 185-204.
5. Raqab, M. Z. (1996). Linear Predictors of Future Order Statistics, *Communications in Statistics- Theory &Methods* 25(7), 1553-1568.
6. Raqab, M. Z. and Amin, W. A. (1996). Some Ordering Results on Order Statistics and Record Values, *IAPQR Transactions* 21(1), 1-8.
7. Raqab, M. Z. (1997). Modified Maximum Likelihood Predictors of Future Order Statistics from Normal Samples, *Computational Statistics and Data Analysis* 25, 91-106.
8. Raqab, M. Z. (1997). Bounds Based on Greatest Convex Minorants for Moments of Record Values, *Statistics and Probability Letters* 36(1), 35-41.
9. Raqab, M. Z. and Amin, W. A. (1997). A Note on Reliability Properties of K-Record Statistics, *Metrika* 46, 245-251.
10. Raqab, M. Z. (1997). Characterizations of Continuous Distributions Based on Moments of Record Values, *Metron LV*, No. 1-2, 187-196.
11. Raqab, M. Z. (1998). On Order Statistics from the Burr Type X Model, *Computers and Mathematics with Applications* 36(4), 111-120.
12. Ahsanullah, M. and Raqab, M. Z. (1999). Recurrence Relations for the Moment Generating Functions of Record Values from Pareto and Gumbel Distributions, *Stochastic Modelling and Applications* 2 (2), 35-48.
13. Raqab, M. Z. (2000). On the Moments of Record Values, *Communications in Statistics- Theory &Methods* 29(7), 1631-1647.
14. Awad, A. M. and Raqab, M. Z. (2000). Prediction Intervals for the Future Record Values from Exponential Distribution: Comparative Study, *Journal of Statistical Computation and Simulation* 65(4), 325-340.
15. Raqab, M. Z. and Ahsanullah, M. (2000). Relations for Marginal and Joint Moment Generating Functions of Record Values from Power Function Distribution, *Journal of Applied Statistical Sciences* 10 (1), 27-36.
16. Raqab, M. Z. and Awad, A. M. (2000). Characterization of Pareto and Related Distributions, *Metrika* 52, 63-67.
17. Raqab, M. Z. (2001). Optimal Prediction Intervals for the Exponential Distribution Based on Generalized Order Statistics, *IEEE Transaction on Reliability* 50, 112-115.
18. Raqab, M. Z. (2001). Simple Formulas for Means, Variances and Covariances of Order Statistics from Tukey's Lambda Distribution and Their Computations, In: M. Ahsanullah,

J. Kennyon, and S. K. Sarkar, Eds., *Applied Statistical Science* (Vol. V, pp. 87-96), Nova Publisher, New Jersey, USA.

19. Raqab, M. Z. (2001). Some Results on the Moments of Record Values from Linear Exponential Distribution, *Mathematical and Computer Modelling: An Intenational Journal* 34 (1-2), 1-8.

20. Raqab, M. Z. and Ahsanullah, M. (2001). Estimation of Location and Scale Parameters of Generalized Exponential Distribution Based on Order Statistics, *Journal of Statistical Computation and Simulation* 69(2), 109-124.

21. Raqab, M. Z. and Awad, A. M. (2001). A Note on Characterization Based on Shannon Entropy of Record Statistics, *Statistics: Journal of Theoretical and Applied Statistics* 35(4), 411-413.

22. Raqab, M. Z. (2002). Inferences for Generalized Exponential Distribution Based on Record Statistics, *Journal of Statistical Planning and Inference* 104(2), 339-350.

23. Raqab, M. Z, (2002). Characterizations of Distributions Based on the Conditional Expectation of Functions of Record Values, *Statistics & Decisions* 20, 309-319.

24. Raqab, M. Z. and Madi, M. T. (2002). Bayesian Prediction of the Total Time on Test Using Doubly Censored Rayleigh Data, *Journal of Statistical Computation and Simulation* 72 (10), 781-789.

25. Raqab, M. Z. and Rychlik, T. (2002). Sharp Bounds for the Mean of the k-th Record Value, *Communications in Statistics- Theory &Methods* 31(11), 1927-1938.

26. Raqab, M. Z. and Ahsanullah, M. and Nevzorov, V. (2002). Concomitants of Ordered Random Variables- A Review, *Journal of Statistical Theory and Applications* 1, 15-26.

27. Raqab, M. Z., Kouider, E. and Al-Shboul, Q. M. (2002). Best Linear Invariant Estimators Using Ranked Set Sampling Procedure: Comparative Study, *Computational Statistics and Data Analysis* 39(1), 97-105.

28. Raqab, M. Z. (2003). P-Norm Bounds for Moments of Progressive Type II Censored Order Statistics, *Statistics & Probability Letters* 64(4), 393-402.

29. Raqab, M. Z. (2003). Order Statistics and Parameter Estimation in the Generalized Lambda Distribution, *American Journal of Mathematical and Management Sciences 23*, 183-202.

30. Raqab, M. Z. (2003). Evaluating Improvements for Spacings of Order Statistics, *Extremes* 6 (3), 259-273.

31. Madi, M. T. and Raqab, M. Z. (2003). Bayesian Prediction for the Shifted Exponential Distribution Using Doubly Censored Data, *Journal of Applied Statistical Sciences* 12(1), 55-66.

32. Raqab, M. Z. and Ahsanullah, M. (2003). On Moment Generating Function of Records from Extreme Value Distribution, *Pakistan Journal of Statistics* 19(1), 1-13.

33. Cramer, E., Kamps, U. and Raqab, M. Z. (2003). Characterizations of Exponential Distributions by Spacings of Generalized Order Statistics, *Applied Mathematics (Warsaw)* 30(3), 257-265.

34. Raqab, M. Z. (2004). Generalized Exponential Distribution: Moments of Order Statistics, *Statistics: Journal of Theoretical and Applied Statistics* 38(1), 29-41.

35. Raqab, M. Z. (2004). Projection P-Norm Bounds on the Moments of k-th Record Increments, *Journal of Statistical Planning and Inference* 124(2), 301-315.

36. Raqab, M. Z. (2004). Sharp Bounds on the Error in Approximating the Means of Record Statistics by Inverse Hazard Functions, *Communications in Statistics- Theory &Methods* 33(7), 1527-1539.

37. Raqab, M. Z. (2004). Approximate Maximum Likelihood Predictors of Future Failure Times of Shifted Exponential Distributions under Multiple Type II Censoring, *Statistical Methods & Applications* 13(1), 43-54.

38. Ahsanullah, M. and Raqab, M. Z. (2004). Characterization of Distributions by Conditional Expectations of Generalized Order Statistics, *Journal of Applied Statistical Sciences* 13(1), 41-47.

39. Danielak, K. and Raqab, M. Z. (2004). Sharp Bounds on Expectations of kth Record Spacings from Restricted Families, *Statistics & Probability Letters* 69, 175-187.

40. Danielak, K. and Raqab, M. Z. (2004). Sharp Bounds for Expectations of kth Record Increments, *Australian & New Zealand Journal of Statistics* 46(4), 665-673.

41. Madi, M. T. and Raqab, M. Z. (2004). Bayesian Prediction of Temperature Records Using the Pareto Model, *Environmetrics* 15, 701-710.

42. Raqab, M. Z. and Abu-Lawi, L. N. (2004). Characterizations of Continuous Distributions based on Expectations of Generalized Order Statistics, *Journal of Applied Statistical Sciences* 13(2), 101-116.

43. Raqab, M. Z. and Ahsanullah, M. (2004). A Note on Some Distributional Properties of K-Records, *Journal of Probability and Statistical Science* 2(2), 255-262.

44. Raqab, M. Z. and Rychlik, T. (2004). Sharp Bounds on the Expectations of Second Record Values from Symmetric Populations, *Statistics: Journal of Theoretical and Applied Statistics* 38(1), 49-57.

45. Bahou, Y, and Hamid, H. and Raqab, M. Z. (2004). Ischemic Stroke in Jordan: A Two Year Hospital Based Study 2000-2002, *Journal of Stroke and Cerebrovascular Diseases* 13(2), 81-84.

46. Hamid, H, Abu-Hijleh, N., Sharif, S., Raqab, M.Z., Mas'ad, D. and Abbas, A. (2004). A Primary Care Study of the Correlates of Depressive Symptoms Among Jordanian Women, *Transcultural Psychiatry* 41(4), 487-496.

47. Raqab, M. Z. (2004). Bounds on the Expectations of k-th Record Increments, *Journal of Inequalities in Pure and Applied Mathematics (JIPAM)* 5 (4, Article # 104), 1-11.

48. Raqab, M. Z. (2005). Exact Bounds for the Mean of Total Time on Test under Type II Censored Samples, *Journal of Statistical Planning and Inference* 134(2), 318-331.

49. Kundu, D. and Raqab, M. Z. (2005). Generalized Rayleigh Distribution: Different Methods of Estimation, *Computational Statistics & Data Analysis* 49, 187-200.

50. Raqab, M. Z. and Kundu, D. (2005). Comparison of Different Estimators of P(Y < X) for A Scaled Burr Type X Distribution, *Communications in Statistics- Simulation & Computation* 34, 465-483.

51. Raqab, M. Z. and Madi, M. T. (2005). Bayesian Inference for the Generalized Exponential Distribution, *Journal of Statistical Computation and Simulation* 75(10) 841-852.

52. Raqab, M. Z. (2006). Nonparametric Prediction Intervals for the Future Rainfall Records, *Environmetrics* 17(5), 457-464.

53. Raqab, M. Z. (2006). Sharp Upper Bound for the Best Prediction of Future Mean of Some Order Statistics, *Applied Mathematics (Warsaw)* 33(3-4), 293-304.

54. Raqab, M. Z., Ahsanualla, M. (2006). On the Generalized Secant Hyperbolic Order Statistics and Associated Inferences, *Statistics: Journal of Theoretical and Applied Statistics* 40, 325-338.

55. Raqab, M. Z. and Kundu, D. (2006). Burr Type X Distribution: Revisited, *Journal of Probability and Statistical Science* 4(2), 179-193.

56. Raqab, M. Z. (2007). Sharp Bounds on Expectations of Second Record Increments from Restricted Families, *Journal of Statistical Planning and Inference* 137, 1291-1301.

57. Raqab, M. Z. (2007). Exponential Distribution Records: Different Methods of Prediction. Recent Developments in Ordered Random Variables, In: M. Ahsanullah, and M. Z. Raqab, Eds., *Recent Developments in Ordered Random Variables*, Nova Science Publisher, New Jersey, USA.

58. Raqab, M. Z. (2007). Distribution-Free Bounds for the Bias of Winsorized Means, *Australian & New Zealand Journal of Statistics* 49(1), 51-60.

59. Madi, M. T. and Raqab, M. Z. (2007). Bayesian Estimation and Prediction for the 3-Parameter Generalized Exponential Model, In: M. Ahsanullah, and M. Z. Raqab, Eds., *Recent Developments in Ordered Random Variables*, Nova Science Publisher, New Jersey, USA.

60. Raqab, M. Z., Ahmadi, J. and Doostparast, M. (2007). Statistical Inference Based on Record Data from Pareto Model, *Statistics: Journal of Theoretical and Applied Statistics* 41(2), 105-118.

61. Raqab, M. Z. (2007). Inequalities for Expected Current Record Statistics, *Communications in Statistics- Theory &Methods* 36, 1367-1380.

62. Kundu, D. and Raqab, M. Z. (2007). Discriminating Between the Generalized Rayleigh and Log-Normal Distribution, *Statistics: Journal of Theoretical and Applied Statistics* 41(6), 505-515.

63. Raqab, M. Z. (2007). Bounds on Expectations of Record Range and Record Increment from Distributions with Bounded Support, *Journal of Inequalities in Pure and Applied Mathematics (JIPAM)* 8 (1, Article # 21), 1-11.

64. Madi, M. T. and Raqab, M. Z. (2007). Bayesian Prediction of Rainfall Records Using the Generalized Exponential Distribution, *Environmetrics* 18, 541-549.

65. Alamm, A. A., Raqab, M. Z. and Madi, M. T. (2007). Bayesian Prediction Intervals for Future Order Statistics from the Generalized Exponential Distribution, *Journal of the Iranian Statistical Society (JISS)* 6(1), 17-30.

66. Madi, M. T. and Raqab, M. Z. (2007). Analysis of Record Data from Generalized Pareto Distribution, *Journal of Applied Statistical Sciences* 16 (2), 61-72.

67. Raqab, M. Z. and Balakrishnan, N. (2008). Prediction Intervals for Future Records, *Statistics and Probability Letters* 78, 1955-1963.

68. Raqab, M. Z. and Asadi, M. (2008). On the Mean Residual Life of Records, *Journal of Statistical Planning and Inference* 138, 3660-3666.

69. Raqab, M. Z., Madi, M. T. and Kundu, D. (2008). Estimation of $P(Y < X)$ for the 3-Parameter Generalized Exponential Distribution, *Communications in Statistics- Theory &Methods* 37, 2854-2864.

70. Falah, G-W., et al. (Joinlty with Raqab) (2008). The Land Regime in Jordan: Opinion Survey I-Pilot Study, *The Arab World Geographer* 11(3), 147-159, Online Link: http://arabworldgeographer.org/doi/abs/10.5555/arwg.11.3.94p4221162m13408?code=awgp-site&journalCode=arwg.

71. Falah, G-W., et al. (Joinlty with Raqab) (2008). The Land Regime in Jordan: Opinion Survey II - University Students, *The Arab World Geographer* 11(3), 160-172, Oneline Link: http://arabworldgeographer.org/doi/abs/10.5555/arwg.11.3.h348548267714418.

72. Falah, G-W., et al. (Joinlty with Raqab) (2008). The Land Regime in Jordan: Opinion Survey III - Households, *The Arab World Geographer* 11(3), 173-188, Online Link: http://arabworldgeographer.org/doi/abs/10.5555/arwg.11.3.a56m8w2468307377.

73. Raqab, M. Z. (2009). Distribution-Free Prediction Intervals for the Future Current Record Statistics, *Statistical Papers* 50, 429-439.

74. Alkasasbeh, M. R. and Raqab, M. Z. (2009). Estimation of the Generalized Logistic Distribution Parameters:Comparative Study, *Statistical Methodology* 6(3), 262-279.

75. Kundu, D. and Raqab, M. Z. (2009). Estimation of R = P(Y < X) for Three-Parameter Weibull Distribution, *Statistics and Probability Letters* 79, 1839-1846.

76. Madi, M. T. and Raqab, M. Z. (2009). Bayesian Inference for the Generalized Exponential Distribution Based on Progressively Censored Data, *Communications in Statistics-Theory &Methods* 38(12), 2016-2029.

77. Mukhtar M. S., Raqab, M. Z., Ahsanullah, M. (2009). Marshall-Olkin Exponential Distribution: Moments of Order Statistics, *Journal of Applied Statistical Sciences*, 17(1), 81-92.

78. Raqab, M. Z. and Madi, M. T. (2009). Bayesian Analysis for the Exponentiated Rayleigh Distribution, *Metron-International Journal of Statistics* LXVII (3), 269-288.

79. Bdair, O. M. and Raqab, M. Z. (2009). On the Mean Residual Waiting Time of Records, *Statistics & Decisions 27*, 1001-1012, Online Link: http://dx.doi.org/10.1524/stnd.2009.1050.

80. Alshunnar, F. S., Raqab, M. Z. and Kundu, D. (2010). On the Comparison of the Fisher Information of the Log-Normal and Generalized Rayleigh Distributions, *Journal of Applied Statistics* 37(3), 391-404.

81. Asadi, M. and Raqab, M. Z. (2010). The Mean Residual of Record Values at the Level of Previous Records, *Metrika* 72, 51-64.

82. Raqab, M. Z. (2010). Evaluations of the Mean Residual Lifetime of a m-out-of-n System, *Statistics & Probability Letters* 80, 333-342.

83. Raqab, M. Z. (2010). Attainability of the Upper Bounds for the Mean Past Lifetime of Parallel System Components, *Communications in Statistics- Theory &Methods* 39(17), 3072-3080.

84. Raqab, M. Z. and Asadi, M. (2010). Some Results on the Mean Residual Waiting Time of Records, *Statistics: Journal of Theoretical and Applied Statistics* 44(5), 493-504.

85. Raqab, M. Z., Asgharzadeh, A. and Vailollahi, R. (2010). Prediction for Pareto Distribution Based on Progressively Type II Censored Samples, *Computational Statistics and Data Analysis* 54, 1732-1743.

86. Asgharzadeh, A., Valiollahi, R. and Raqab, M. Z. (2011). Stress-Strength Reliability of Weibull Distribution based on Progressively Censored Samples, *Statistics & Operations Research Transactions* 35(2), 103-124.

87. Raqab, M. Z. (2011). Ordered Statistical Data: Recent Developments, In: M. Lovric, Ed., *Internationl Encyclopedia of Statistical Sciences*, Part 15, 1040-1043, Springer-Veralag, Germany, http://link.springer.com/referenceworkentry/10.1007%2F978-3-642-04898-2_435.

88. Raqab, M. Z. and Madi, M. T. (2011). Generalized Rayleigh Distribution, In: M. Lovric, Ed., *International Encyclopedia of Statistical Science*, Part 7, 599-603, Springer-Veralag, Germany, http://link.springer.com/referenceworkentry/10.1007%2F978-3-642-04898-2_275.

89. Shadid, M. R., Raqab, M. Z. and Al-Omari, A. I. (2011). Modified BLUEs and BLIEs of the Location and Scale Parameters and the Population Mean Using Ranked Set Sampling, *Journal of Statistical Computation and Simulation* 81(3), 261-274.

90. Raqab, M. Z. and Madi, M. T. (2011). Inference for the Generalized Rayleigh Distribution Based on Progressively Censored Data, *Journal of Statistical Planning & Inference* 141, 3313-3322.

91. Raqab, M. Z. and Rychlik, T. (2011). Bounds for the Mean Residual Life Function of a *k*-out-of-*n* System, *Metrika* 74(3), 361-380.

92. Kundu, D. and Raqab, M. Z. (2012). Bayesian Inference and Prediction for a Type-II Censored Weibull Distribution, *Journal of Statistical Planning & Inference* 142(1), 41-47.

93. Raqab, M. Z. and Ahmadi, J. (2012). Pitman Closeness of Record Values from Two Sequences to Population Quantiles, *Journal of Statistical Planning & Inference* 142(4), 855-862.

94. Bdair, O. M. and Raqab, M. Z. (2012). Sharp Upper Bounds for the Mean Residual Waiting Time of Records, *Statistics: Journal of Theoretical and Applied Statistics* 46(1), 69-84.

95. Asgharzadeh, A., Valiollahi, R. and Raqab, M. Z. (2013). Estimation of the Stress-Strength Reliability for the Generalized Logistic Distribution, *Statistical Methodology* 15, 73-94.

96. Raqab, M. Z. (2013). Discriminating between the Generalized Rayleigh and Weibull Distributions, *Journal of Applied Statistics* 40(7), 1480-1493.

97. AlOmari, A. I. and Raqab, M. Z. (2013). Estimation of the Population Mean and Median Using Truncation Based Ranked Set Samples, *Journal of Statistical Computation and Simulation* 83(8), 1453-1471.

98. Ahmadi, J. and Raqab, M. Z. (2013). Comparison of Order Statistics in Two-Sample Problem in the Sense of Pitman Closeness, *Statistics: Journal of Theoretical and Applied Statistics* 47(4), 729-743.

99. Raqab, M. Z., Ahmadi, J. and Arabli, B. (2013). Comparisons among Some Predictors of Exponential Distributions Using Pitman Closeness, *Computational Statistics* 28(5), 2349-2365.

100. Valiollahi, R., Asgharzadeh, A., and Raqab, M. Z. (2013). Estimation of P(Y < X) for Weibull Distribution under Progressive Type-II Censoring, *Communications in Statistics-Theory &Methods* 42(24), 4476-4498.

101. Awwad, R. and Raqab, M. Z. (2013). On Statistical Inference for Weibull Progressive Type II Censored Data, Proceedings 59th ISI World Statistics Congress, 25-30 August 2013, Hong Kong (Session CPS031), pp. 4245-4250.

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154. Raqab, M. Z., Bdair, O. M. and Kundu, D. (2021). Comparison of estimates and predictors using joint type-II progressive censored samples from two generalized Rayleigh distribution, *Thailand Statistician*, To Appear.

155. Raqab, M. Z., Bayoud, H. A. and Qiu, G. (2021). Varentropy of inactivity time of a random variable and its related applications, *IMA Journal of Mathematical Control and Information*, To Appear.

156. Al-Olaimat, N., Bayoud, H. A. and Raqab, M. Z. (2021). Record data from Kies distribution and related statistical inferences, *Statistics in Transition new series*, 22(4), 153-170. https://doi.org/10.21307/stattrans-2021-043.

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(b) Field Research Project: Land-Management System in Jordan

➢ Falah, G-W, Farhan, Y., Alrousan, N., Crowe, J, Al-Habees, M. A., Abu-Kharmeh, S. S. and Raqab, M. Z. (2008). The Land Regime in Jordan: Opinion Survey I-Pilot Study, *Arab World Geographer* 11(3), 147-159.

➢ Falah, G-W, Farhan, Raqab, M. Z., Oroud, I. M., Al-Habees, M. A., Abu-Kharmeh, S. S., and Crowe, J. (2008). The Land Regime in Jordan: Opinion Survey II-University Students, *Arab World Geographer* 11(3), 160-172.

➢ Falah, G-W, Farhan, Raqab, M. Z., Oroud, I. M., Al-Habees, M. A., Abu-Kharmeh, S. S., and Crowe, J. (2008). The Land Regime in Jordan: Opinion Survey III-Households, *Arab World Geographer* 11(3), 173-188.

(c) Published Books, Volumes and Learning Resources:
1. Raqab, M. Z., Awad, A. M., and Azzam, M. M. (2016). *Principles of Statistics*, 4ᵗʰ Edition, Academic For Publishing & Distributing Co. (ISBN: 9957-449-03-6), Amman, Jordan.
2. Ahsanullah, M. and Raqab, M. Z. (2006). *Bounds and Characterizations of Record Statistics*, Nova Science Publishers, Inc. (ISBN: 1-59454-538-3), New York, USA, https://www.novapublishers.com/catalog/product_info.php?products_id=3719.
3. Ahsanullah, M. and Raqab, M. Z. (2007). *Recent Development in Ordered Random Variables*, Nova Science Publishers, Inc.(ISBN: 13 978-1-60021-301-4), New York, USA, https://www.novapublishers.com/catalog/product_info.php?products_id=4589.
4. Nagaraja, H. N. and Raqab, M. Z. (2009). Ordered Data Analysis, *Special Volume in Communication in Statistics-Theory & Methods* 38(12), Taylor and Francis, UK. Online link: https://www.tandfonline.com/doi/abs/10.1080/03610920902936470.
5. Raqab, M. Z. (2009). *Interactive Learning Video Module on Probability Theory for High School Math*ematics, Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, USA, https://blossoms.mit.edu/videos/lessons/probability_theory.

6. ادارة الجودة في المكتبات ومراكز المعلومات الجامعية ل د. محمد عوض الترتوري
و د. محمد زايد الرقب و بشير مصطفى الناصر، 2009، الناشر: دار الحامد للنشر والتوزيع، الاردن.
.
6. Raqab, M. Z. and Al-Kandari, N. M. (2016). *Principles of Statistics for Social and Human Sciences (In Arabic)*, Publishers Refereed Academic Books, The Academic Publication Council, Kuwait University, (ISBN: 978-99966-783-2-5), Kuwait. Online link: http://pubcouncil.kuniv.edu.kw/atpc/homear.aspx?id=7&Root=yes.
7. Raqab, M. Z. (2016). *Ordered Statistical Data: From Theory to Practice*, *Special Volume in Journal of Applied Statistical Science* 22(1-2), Nova Science Publishers, Inc. (ISSN: 1067-5817), New York, USA.
Online link: http://www.novapublishers.org/catalog/product_info.php?products_id=59916.

2. Conferences and Workshops Presentations
- NATO Advanced Studies Workshop on Survival Analysis and Related Topics, Ohio State Univ., Columbus, Ohio, June 23-28, 1991.
- First Annual Conference on Mathematical and Statistical Sciences, Berzeit University, Birzeit-Palestine, June 16-18, 1993.
  Title: *On the Maximum Likelihood Prediction of the Exponential Distribution Based on Doubly Type II Censored Samples*
- International Conference on Applied Statistical Science, Rider University, Lawrenceville, NJ, USA, May 22-23, 1999.
  Title: *Prediction Intervals for the Future Record Values from Exponential Distribution: Comparative Study, co-authored A. M. Awad*
- Workshop on Statistical Methodology in Business and Economics Research, College of Business and Economics, UAE University, UAE, June 1, 1999.
  Title: *Statistics and Its Applications in Economics and Business*
- International Conference on Order Statistics & Extreme Values-Theory & Applications, University of Mysore, Mysore, India, December 18-20, 2001.
  Title: *Inferences of Generalized Exponential Distribution Based on Ordered Random Variables.*
- Research Group Meeting on Bounds & Characterizations for Ordered Statistical Data, Polish Academy of Sciences, Banach Center, Warsaw, POLAND, May 6-12, 2002.

Title: Optimal *Bounds for k-Record Statistics.*

- Third International Conference on Mathematical Methods in Reliability, Norway, June 17-20, 2002.
  Title: *Bayesian Prediction for the Shifted Exponential Distribution Using Doubly Censored Data* (Raqab, M. Z. and Madi, M.).

- 54th session of the International Statistical Institute, Berlin, Germany, August 13-20, 2003.
  Title: *Bayesian Prediction of Future Records Using the Pareto Model* (Raqab, M. Z. and Madi, M.).

- International Conference on Ordered Statistical Data: Approximation, Bounds and Characterizations, Institute of Mathematics, Polish Academy of Science, Poland, May 24-28, 2004.
  Title: *Bounds and Characterizations on Ordered Random Variables*

- International Conference on the Future of Statistical Theory, Practice and Education, Hyderabad, India, December 29, 2004 to January 1st , 2005.
  Title: *Bayesian Inference for the Generalized Exponential Distribution Using Type II Censored Data*

- Workshop on: Key Informative Skills for Students, University of Jordan, Amman, Jordan, March 26-31, 2005 (Guests: Dr. Mohammad Saeed and Christine Stockton, Chester University).
  Title: *Moving towards Digital Library*.

- Regional Kick-off Workshop of the eIFL-net (Netherlands) "Collaborative Management of Electronic Resources-eIFL.net Middle East Workshop", with cooperation with the Goethe-Institute, Cairo/Alexandria, Egypt, April 18-19, 2005.
  Title: *ElectronicInformation Resources at Jordan*.

- International Conference on Ordered Statistical Data: Approximation, Bounds and Characterizations, Izmir University of Economics, Izmir, Turkey, June 15-18, 2005.
  Title: *Nonparametric Prediction Intervals for the Future Record Statistics*

- The Future of Information & Communications Technology ICT in Higher Education: Finding Common Ground for Intervention, organized by Ministry of ICT and Jordanian Unervesities Network, In cooperation with Technical University of Delft, Amman, Jordan, December 1-3, 2005.
  Title: *Strategic Planning for Future Library in Jordan*.

- Digitization of Arabic Language Books Conference, Bibliotheca Alexandria, Alexandria, Egypt, February 21-25, 2006.
  Title: *Towards Recent Digital Special Projects in Jordan.*

- SLA 12th Annual Conference & Exhibtion: Information Literacy in the Arabian Gulf Communities, Muscat, Oman, April 11-13, 2006.
  Title: *The Future of e-books in the Public Jordanian Universities.*

- International Conference on Ordered Statistical Data and Related Topics, Ferdowsi University of Mashhad, Mashhad, Iran, June 15-17, 2006.
  Title: *Bayesian Prediction Analysis for Ordered Statistical Data*

- International Conference on Ordered Statistical Data & Inequalities: Theory & Applications, University of Jordan, Amman, Jordan, June 12-14, 2007.
  Title: *The Mean Residual of Record Values at the Level of Previous Records*

- International 8th Conference on Ordered Statistical Data & Applications, RWTH University, Aachen, Germany, March 7-11, 2008.

Title: *The Mean Residual of Record Values: Concepts, Properties and Associated Inequalities*

- The 59th ISI World Statistics Congress, Hong Kong, China, August 25-30, 2013.
  https://www.censtatd.gov.hk/pastprojects/the_59th_wsc_of_the_international_statistical_/
  Title: *Statistical Inference based on Orogressively Type II Censored Data from Weibull Model*
- The 60th ISI World Statistics Congress, Rio de Janeiro, Brazil, 26-31 July 2015.
  http://www.isi2015.ibge.gov.br.
  Title: *Closeness Comparisons among Lindley, Weibull and Gamma Distributions*
- Annual Meeting of the Mathematical Association of America-MATHFEST 2016, Columbus, Ohio, USA, August 3-6, 2016. https://www.maa.org/meetings/mathfest-2016.
  Title: *Comparing Pitman's Measure of Closeness with Other Optimality Criteria.*
- 3rd World Conference on Science and Mathematics Education, Istanbul, Turkey, August 28-30, 2017. http://www.globalcenter.info/sci-math/?page_id=722.
  Title: *Prediction of the remaining testing time for the generalized Pareto progressive censoring samples with applications to extreme hydrology events*

3. Research and Projects Grants and Contacts

- Grants of $26000: Project on "Ordered Statistical Data and Related Topics with their Applications", Jointly with Professor Fahad M. Al-aboud, Funded by the Deanship of Scientific Research (DSR) under grant no. (22-135-35-HiCi), King Abdulaziz University, Jeddah, Saudi Arabia.

- Grant SS01/14 of $6000, Project on "Pitman comparisons of predictors of censored observations from progressively censored samples for exponential distribution," Research Sector, Office of Vice President for Research, Kuwait University, Kuwait, Jan. 2015 - Jan. 2015.

- Grants of $6000, Project on "Order Statistics from the Burr Type X Model", Deanship of Scientific Research, The University of Jordan, Jordan, 1994-1996.

- Grants of $175,500: Project on "Establishing and Developing B.Sc. and M.Sc. Programs in Actuarial Sciences at Univ. of Jordan", National Committee for Higher Education and Development Project (NCT), Prepared to World Bank, July 2002- Dec. 2005.

- Grants of $7000 for publishing two books (Principles of Statistics, Statistical Methods), joint with A. Awad and M. Azzam, Deanship of Scientific Research, University of Jordan, Jordan, 2003-2004.

- Grants of $11400 for overview the Actuarial Science programs and the curriculum at the University of Toronto and at the University of Waterloo, Canada, for the purpose of upgrading the Actuarial Science program at the University of Jordan, joint with H. M. Hilow, Funded by The World Bank, Sept. 10-20, 2005.

- Library Project Team Chair: Establishment of Emran University at Yemen, Center of Studies and Consults, University of Jordan, Jordan, Jan. 2005- June 2007.

4. Conferences Organizing Committees

- A member of the organizing committee, *International Conference on Applied Statistical Science*, Lawrenceville Campus of the Rider University, USA, May 22-23, 1999.

- A member of organizing committee, Workshop: *Family Budget Survey of Abu Dhabi*, UAE University, Nov. 29-30, 1999.
- A member of organizing committee, 4th Annual Conference "*Management Education and Development in the Developing Nations*, College of Business and Economics, UAE University, April 2-3, 2000.
- A member of organizing committee, I*nternational Conference of the United Nations for Economical Development and Resources*, UAE University, April 2-3, 2001.
- A member of the Organizing committee, *International Conference on Applied Statistical Science*, Lawrenceville Campus of the Rider University, USA, May 23-25, 2002.
- A chair of organizing committee, Workshop: *Developing the Actuarial Sciences Programs at Department of Mathematics* (Workshop Leader: Prof. X. Sheldon Lin), Faculty of Science*,* University of Jordan, Jordan, October 15-18, 2004.
- A chair of organizing committee, Workshop: *Moving towards Digital Library System at Public Jordanian Universities Libraries*, Cooperation between University of Jordan and Germany Goethe Institute (Workshop Leader: Dr. Diann Rusch-Feja), University of Jordan, Jordan, February 6-10, 2005.
- A member of organizing committee, I*nternational Conference of the United Nations for Economical Development and Resources*, UAE University, April 2-3, 2001.
- A chair of organizing committee, Workshop: *Library Consortia and Electronic Resources,* sponsored by Electronic Information for Library Network (eIFL.net) at Italy*,* University of Jordan, Jordan, July 17-18, 2005.
- A chair of organizing committee, Workshop: MDL Discovery Gate Premium and Database Browser, Gross Fire Beilstein, University of Jordan, Jordan, Nov. 20-24, 2005.
- A member of the Scientific Committee, *International Conference on Ordered Statistical Data and Related Topics*, University of Mashaad, Mashaad, Iran, June 15-17, 2006**.**
- A member of Preparation committee, *International Conference on the Digital Library at Jordan*, Excellence Center for Library Services at Public Jordanian Universities, Irbid, October, 2006.
- Chair of Organizing Committee, *6th eIFL.net General Assembly*, University of Jordan, Amman-Jordan, Sept. 10-12, 2006.
- Chair of Organizing Committee, Workshop: Arabic and Middle Eastern Electronic Library (AMEEL)-Document Delivery, in Cooperation with Yale University (Simon Samoeil), University of Jordan, Amman-Jordan, March 5-7, 2007.
- Chair of Organizing Committee, *International Conference on Ordered Statistics and Inequalities: Theory and Applications*, In Cooperation between The University of Jordan, and The Ohio State University, USA, Amman-Jordan, June 12-14, 2007.
- A Member of the International Scientific Committee, *International 9th Islamic Countries Conference on Statistical Sciences (ICCS-IX)*, Kuala Lumpur, Malysia, December 12-14, 2007.
- A Member of the Organizing Committee, *The First University Theses Research Conference*, University of Jordan, Amman, Jordan, May 12-14, 2008.
- A Member of the Scientific Committee, *International 8th Conference on Ordered Statistical Data and Its Applications (OSDA 2008)*, RWTH Aachen University, Aachen, Germany, March 7-11, 2008.
- A Member of the Organizing Committee, *The second University Theses Research Conference, University of Jordan*, Amman, Jordan, October 27-29, 2009.

- A Member of the International Scientific Committee, *International 10ᵗʰ Islamic Countries Conference on Statistical Sciences (ICCS-IX)*, American University at Cairo, Egypt, December 20-23, 2009.
- A Member of the International Program Committee, *9ᵗʰ International Conference on Ordered Statistical Data and Its* Applications OSDA 2010, In Cooperation between Ohio State University and Zagazig University, Zagazig, Egypt, July 11-13, 2010.
- A Member of the International Organizing Committee, *The 1ˢᵗ ISM International Statistical Conference 2012 with Special Application in Sciences and Engineering ISM*, Persada Johor, Johor Bahru, Malaysia, Sept. 4-6, 2012. https://conferencealerts.com/show-event?id=91461.
- A Member of the Scientific Committee, *12ᵗʰ International Conference on Ordered Statistical Data*, University of Piraeus, Greece, May 25-28, 2016. http://career.duth.gr/portal/?q=node/23748#.XOgQukmoPIU.
- A Member of the Scientific Committee, *13ᵗʰ International Conference on Ordered Statistical Data*, University of Cádiz, Spain, May 22-25, 2018. http://osd2018.uca.es.
- A Member of the Scientific Committee, *13ᵗʰ International Conference on Ordered Statistical Data,* Vietri sul Mare (SA), Italy, May 26-29, 2020. http://www.osd2020.unina.it.

5. Review Statistical Research Papers and Books

- A Reveiwer for Mathematical Reviews, December 2004-present, *American Mathematical Society*, USA. http://www.ams.org/publications/math-reviews/reviewersvolume1.
- *Probability in the Engineering and Informational Sciences*, Cambridge University Press, USA. https://www.cambridge.org/core/journals/probability-in-the-engineering-and-informational-sciences.
- *Mathematics and Computer in Simulation*, Publisher: Elsevier, Netherland, *Journal of Statistical Computation and Simulation*, Publisher: Taylor & Francis Ltd**,** United Kingdom. https://www.tandfonline.com/loi/gscs20.
- Statistics: *Journal of Theoretical and Applied Statistics*, Publisher: Taylor & Francis Ltd, United Kingdom. https://www.tandfonline.com/loi/gsta20.
- Advanced in Statistical Analysis, Publisher: Springer-Verlag, Germany. https://link.springer.com/journal/10182.
- *Journal of Institute of Statistical Mathematics*, JAPAN. https://www.ism.ac.jp/editsec/aism/index.html.
- *Journal of Statistical Planning and Inference*, Publisher: Elsevier BV, Netherlands. https://www.journals.elsevier.com/journal-of-statistical-planning-and-inference.
- *Statistics and Probability Letters*, Publisher: Elsevier BV, Netherlands. https://www.journals.elsevier.com/statistics-and-probability-letters.
- *Journal of Multivariate Analysis*, Publisher: Elsevier BV, Netherlands. https://www.journals.elsevier.com/journal-of-multivariate-analysis**.**
- *Communication in Statistics-Theory & Methods*, Publisher: Taylor & Francis Inc., USA. https://www.tandfonline.com/loi/lsta20.
- *Communications in Statistics- Simulation & Computation*, Taylor & Francis Inc., USA. https://www.tandfonline.com/loi/lssp20.
- *Metrika*, Publisher: Springer-Verlag , Germany, http://www.springer-com.

- *American Journal of Mathematical and Management Sciences*, Publisher: American Sciences Press, Inc.**,** USA. https://www.tandfonline.com/loi/umms20.
- Operational Research: An International Journal, Publisher: Springer, http://www.springer.com /12351
- *Journal of Applied Statistical Sciences (JASS)*, Publisher: Nova, USA.
- *International Journal of Quality Technology & Quantitative Management QTQM,* Institute Universitaire de Technologie de Nantes, France. https://www.tandfonline.com/toc/ttqm20/current.
- *Statistical Papers*, Germany, Published by Springer-Veralag, Germany, http://www.springerlink.com/content/108187.
- *Bulletin of Statistics & Economics. http://www.ceser.in/ceserp/index.php/bse*.
- *Applied Stochastic Models in Business and Industry*, Belgium. *https://onlinelibrary.wiley.com/journal/15264025*.
- *Computer and Mathematics with Applications*, Publisher: Elsevier, Netherlands, http://ees.elsevier.com/camwa.
- *Applied Mathematics Letters*, Publisher: Elsevier, Netherlands, http://ees.elsevier.com/aml.
- *International Journal of Computer Mathematics*, Publisher: Talor & Francis Ltd, United Kingdom. https://www.tandfonline.com/loi/gcom20.
- *Metron: International Journal of Statistics*, Publisher: Probabilitá e Statistiche Applicate Universitá "La Sapienza", Italy. https://link.springer.com/journal/40300.
- *Test: A Journal of the Spanish Statistical Society*, Spain, Published by Springer. https://www.springer.com/statistics/journal/11749.
- *Applicationes Mathematicae,* Institute of Mathematics, Polish Academy of Sciences, Warsaw, Poland, http://journals.impan.gov.pl/am.
- *Journal of Probability and Statistical Science* (JPSS), Taiwan, ROC, http://www.stat.fju.edu.tw/jpss.
- *Journal of Statistical Research of Iran (JSRI)*, Statistical Research and Training Center (SRTC), Tehran, Iran. http://jsri.srtc.ac.ir.
- *Journal of Statistics*, Department of Statistics, GC University, Lahore, Pakistan (http://www.gcu.edu.pk/StatJour)
- *Pakistan Journal of Statistics,* Islamic Countries Society of Statistical Sciences- (ISOSS), Pakistan, Website: http://www.pakjs.com.
- *Journal of College of Business and Economics (CBE)*, UAE University, United Arab Emirates. https://cbe.uaeu.ac.ae/en.
- *Dirasat (Pure and Applied Sciences)*, Deanship of Scientific Research, The University of Jordan, JORDAN. https://journals.ju.edu.jo/DirasatSci.
- *Journal of Mutah for Research and Studies*, University of Mutah, JORDAN
- *Journal of Islamic University*, Gaza, Phalestine
- *Journal of Khalil University*, West Bank, Phalestine
- *AL-Bassaer Journal*, Petra University, JORDAN

6. Professional Affiliations and Editorial Board
- Editor-in-Chief, Statistics Research Letters (SRL), The Science and Engineering Publishing Company, USA (http://www.srl-journal.org), June 2013-present.

- A member of the Editorial Board of World Journal of Science and Technology Reseach (WJSTR), Academic and Scientific Publishing, New York, USA (http://www.wjst.org), January 2013-present.
- A member of the Editorial Board of Journal of Data Analysis and Operations Research (JDAOR), Natural Sciences Publishing Cooperation, (*http://www.naturalspublishing.com/show.asp?JorID=35&pgid=149)*, January 2013- present.
- A member of the Editorial Board of Statistics Research Letters (SRL), The World Academic Publishing Co., Hong Kong (http://www.srl-journal.org), July 2012-June 2013.
- A member of the Editorial Board of Open Journal of Statistics (OJS), Scientific Research Publishing, CA, USA (http://www.scirp.org/journal/ojs), March 2011-present.
- A member of the Editorial Board of International Journal of Statistical Distributions, Science Publishing Group, New York, USA (http://www.sciencepublishinggroup.com/j/ijsd), July 2015-present.
- Guest Editor (Joint with H. N. Nagaraja of Ohio State University) for Special Volume on Ordered Data Analysis, *Communications in Statistics-Theory & Methods*, Publisher: Taylor and Francis (http://www.tandf.co.uk/journals/titles/03610926.asp).
- A member of the editorial advisory board of the *Journal of Statistics*, Department of Statistics, GC University, Lahore, Pakistan (http:// http://www.gcu.edu.pk/StatJour.htm), January 2008-present.
- An Elected Member of the *International Statistical Institute (ISI, http://isi.cbs.nl)*, 2007-present, The Netherlands.
- A member of the *American Mathematical Society* (AMS, http://www.ams.org), USA, 2007- present.
- A member of the editorial board, *Dirasat Journal for Scientific and Medical Fields*, University of Jordan, Jordan, 2007-2010.
- Associate editor, *Journal of Applied Statistical Science*, 2000-up to now, Publisher: Nova, New Jersey, USA.
- Associate editor, *Journal of Statistical Theory and Applications*, Publisher: Gowas Publishing Company, USA, 2002-present (http://www.mscs.mu.edu/~jsta).
- Associate editor, *Journal of Modern Applied Statistical Methods*, July 2002-present, Publisher: Wayne State University, USA.
- Associate editor, Journal of Probability and Statistical Science, Taiwan, ROC., July 2003-present (http://www.i-tel.com.tw/jpss).
- Associate editor, Pakistan Journal of Statistics, Pakistan, 2004-2010 (http://www.pakjs.com/).
- A member of *American Association for the Advancement of Science*, USA, 2003-present.
- A member of *New York Academy of Sciences, USA*, 1998- present.
- A member of *American Statistical Association (http://www.amstat.org/)*, USA, 1992-present.
- A member of *International Biometric Society*, USA, 2000- present.
- Amember of *Indian Association for Productivity, Quality & Reliability*, India, 1996-1997.

Service to University, College and Community

I. College:

- A member of College Council, College of Science, University of Jordan, 2018-2020.
- Chair of higher studies committee, Department of Mathematics, Univ. of Jordan, 2018-2021.
- Chair of Accreditation and Assurance committee, Department of Mathematics, Univ. of Jordan, 2018-2021.
- Chair of curriculum committee, Department of Mathematics, Univ. of Jordan, 2018-2021.
- Chair of higher studies committee, Department of Mathematics, Univ. of Jordan, 2018-2021.
- A member of higher studies committee in the Science College, Univ. of Jordan, 2018-2021.
- Chair of Promotion Committee for Support Academic Staff, Department of Statistics & OR, Kuwait University, 2017- 2018.
- Chair of exams committee, Department of Statistics & OR, Kuwait University, 2015-2017.
- A member of schedule committee, Department of Statistics & OR, Kuwait University, 2015- 2017.
- A member of Appointment and Promotion Committee, Department of Statistics & OR, Kuwait University, 2014-2017.
- A member of Appointment and Promotion Committee, Faculty of Science, Kuwait University, 2014-2015.
- Chair of Developing and Updating the Curriculum of "Statistics for Social Sciences Course", Department of Statistics & OR, Kuwaity University, 2013-2014, 2014-2015.
- A member of Awards for scientific research, Faculty of Science, Kuwait University, 2012-2013.
- A member of evaluation committee for the posters of students graduation projects, Faculty of Science, May 6, 2013, Kuwait University.
- A member of higher studies committee, Department of Statistics & Operations Research, Kuwait University, 2013-2018.
- A member of exams committee, Department of Statistics & Operations Research, Kuwait University, 2012- 2018.
- A member of curriculum committee, Department of Statistics & Operations Research, Kuwait University, 2012- 2017.
- Chair of library committee, Department of Statistics & Operations Research, Kuwait University, 2012-2013.
- A member of conferences and seminars committee, Department of Statistics & Operations Research, Kuwait University, 2012-2013, 2017-2018.
- Chair of higher studies committee, Department of Mathematics, Univ. of Jordan, 2011-2012.
- Chair of the qaulifier exam for the Ph.D. students, Departement of Mathematics, Univ. of Jordan, 2011-2012.
- A member of higher studies committee, College of Science, Univ. of Jordan, 2011-2012.
- A member of curriculum committee, College of Science, Univ. of Jordan, 2011-2012.

- A member of College Council, College of Science, University of Jordan, 2007-2009, 2011-2012.
- Chair of appointment and promotion committee, College of Science, Univ. of Jordan, 2007-2008, 2008-2009.
- Chair of scientific research committee, College of Science, Univ. of Jordan, 2007-2008, 2008-2009.
- Chair of curriculum committee, College of Science, Univ. of Jordan, 2007-2008, 2008-2009.
- Chair of higher studies committee, College of Science, Univ. of Jordan, 2007-2008, 2008-2009.
- Chair of emergency and general security, Univ. of Jordan, 2007-2008, 2008-2009.
- Chair of library committee, Department of Mathematics, Univ. of Jordan, 2007-2008, 2008-2009.
- A member of curriculum committee, Department of Mathematics, Univ. of Jordan, 2007-2008, 2008-2009.
- A member of qualifier exam for B.Sc. level, Department of Mathematics, Univ. of Jordan, 2006-2007, 2007-2008, 2008-2009.
- A member of staff evaluation committee, Department of Mathematics, Univ. of Jordan, 2007-2008, 2008-2009.
- A member of search and recruitment committee, Department of Mathematics, University of Jordan, 2005-2006, 2007-2008.
- Chair of the communication and community service committee, College of Science, Univ. of Jordan, 2005-2006.
- Chair of developing and planning committee, College of Science, Univ. of Jordan, 2003-2004.
- A member of students affairs committee, College of Science, Univ. of Jordan, 2003-2004.
- Chair of general supervision committee to students elections at University of Jordan, College of Science, University of Jordan, 2003-2004.
- A member of a committee for establishing B.Sc. program on environmental Sciences, Univ. of Jordan, 2003-2004.
- Chair of the staff evaluation committee, College of Science, Univ. of Jordan, 2003-2004.
- A member of the comprehensive exam for the Master Degree, Departement of Mathematics, Univ. of Jordan, 2002-2010.
- A member of the qaulifier exam for the Ph.D. students, Departement of Mathematics, Univ. of Jordan, 2007-2010.
- A member of the comprehensive exam for the Master Degree, Departement of Mathematics, Univ. of Jordan, 2002-2004.
- A member of college council, College of Science, Univ. of Jordan, 2001-2002, 2003-2004, 2007-2008, 2008-2009.
- A member of the communication and community service, College of Science, Univ. of Jordan, 2001-2004.
- A member of research committee, Department of Mathematics, Univ. of Jordan, 2001-present.
- A member of library committee, Department of Mathematics, Univ. of Jordan, 2001-2004.
- A member of acturial sciences committee, Department of Mathematics, Univ. of Jordan, 2001-2002.

- A member of the accreditation committee, College of Business and Economics CBE, UAE University, 1998-2000 (The CBE was accredited in 2000 to become the first accredited business school in the Middle East by The Association to Advance Collegiate Schools of Business AACSB).
- A member of research committee of CBE, UAE Univ., 1998-2001.
- Chair of research committee of statistics department, UAE Univ., 1999-2000
- A member of the intellectual contribution committee of CBE, UAE Univ.,1998- 2001.

- A member of academic affairs committee, Dept. of Stat., UAE Univ., 1999-2001.

- A member of computers committee, Dept. of Stat., UAE Univ., 1998-1999.
- A member of library committee, statistics department, Dept. of Stat., UAE Univ., 1999-2000.
- A member of search and recruitment committee, Dept. of Stat., UAE Univ., 1998-2001.
- A member of Strategic Plan Committee of CBE, UAE University, 1998-2001.
- A member of International Program Committee for students from outside Jordan (study the importance of the program, efficiency and costs), Department of Mathematics, Univ. of Jordan, May, 1998.
- A member of "Approving the Final Exams Committee" at Mathematics Department, Univ. of Jordan, 1997-1998.
- A member of Master Program Committee in Environmental Sciences and Its Management, Univ. of Jordan, 1997-1998.
- A member of Ph.D. Program Committee in Statistics (Establishment and Courses Descriptions), Department of Mathematics, Univ. of Jordan, July, 1995.
- A member of Statistical Computer Lab committee, Department of Mathematics, Univ. of Jordan, July, 1994.

II. University:
- A member of Establishment of Data Science M.Sc. Program, Kuwait University, 2nd Semester 2014-2015 - Present.
- A member of Social Observatory Council, University of Jordan, 2009-2010.
- A member of College Council, College of Higher Studies, University of Jordan, 2007-2008, 2008-2009.
- A member of a Committee for Developing the Jordan University Library, Amman, Jordan, During the Academic Year 2007-2008.
- A member of Administration Council of Water and Environment Research and Study Center, University of Jordan, Amman, Jordan, 2007-2008, 2008-2009.
- A member of a Committee for Establishing Information and Technology Center at University of Jordan, Amman, Jordan, Nov. 12- Dec. 12, 2007.
- Chair of the Smart ID Card System Project at the University of Jordan, University of Jordan, Jordan, 2007-2008.
- A member of Higher Studies Committee, University of Jordan, Jordan, 2007-2008, 2008-2009.
- A member of the University Accreditation Committee, University of Jordan, Jordan, May 2005-Aug. 2007.

- A member of Updating the Writing Descriptions of University Theses Committee, University of Jordan, 2006-2007.
- A member of Higher Committee for Smoking Control, University of Jordan, 2005-2007.
- A member of New Brach Building Project for the University of Jordan Library, University of Jordan, Amman, Jordan, June 7, 2005.
- Chair of the Security System for library books, University of Jordan, Amman, Jordan, Aug. 2004-Aug. 2007.
- A member of Manuscripts and Documents Center Council, Jordan University, Amman, Jordan, 2004 -2007.
- A member of the University Council, University of Jordan, Jordan, August 2004-Aug. 2007.
- Chair of search and recruitment committee, Main Library, University of Jordan, Aug. 2004-Aug. 2007.
- A member of Tender Committees, University of Jordan, Jordan, several times during 2003- 2007.
- A member of Planning and Development Committee, University of Jordan, August 2003-August 2004.
- University Project Coordinator (UPS) of the Implementation of the Higher Education Development Project with amount of USD 175,500: *Developing B.Sc. Program and M.Sc. Program in Actuarial Sciences,* University of Jordan, Jordan, July 2003-December 2005.
- A member of the Evaluation Committee for Faculties Members, Univ. of Jordan, Jordan, 2003-2004.
- A member of Teaching Process Development Committee, Center of Human Resources Development, University of Jordan, Jordan, 2003-2004.
- A member of EQUAIP committee of developing statistical database for Arab Universities, University of Jordan, 2002-2003.
- A member of organizing committee, " Family Budget Survey in Abu Dhabi Emirate", Nov. 29-30, 1999.
- A member of organizing committee, 4th Annual Conference, "Management Education & Development in the Developing Nations", UAE, April 2-3, 2000.

III. Community:

I have conducted various workshops on statistics, and operations research with using some softwares (Minitab, SPSS, Lindo, Management Scientist and WINQSB). I am a member in different activities outside the university.

- A member of Writing the National Report on Trends in International Mathematics and Sciences Study (TIMSS) (Lynch School of Education, Boston College), National Center for Eductation Development (NCED), State of Kuwait, 2016-2017.
- A member of MIT Educational Interactive Video Project (Blended Learning Open Source Science or Math Studies BLOSSOMS), for Preparation of Educational Interactive Video Modules in a High School Math. or Science Class, Jordan, Funded by Massachusetts Institute of Technology (MIT), Hewlett Foundation and Sloan Foundation, Dec. 12, 2008-Dec. 10, 2009.
- A member of Work Team of Field Research Project on the Land-Management System in Jordan as part of the Bowman Expeditions to Foreign Countries, Funded by American

Geographical Society (AGS), Radiance Technologies Corporation and Information International Associates (IIa), September 2007- September 2008 (Team Leader: Ghazi-Walied Falah, The University of Akron, OH, USA, Email: falah@uakron.edu).

- A member of Accreditation Committee (Increase the Capacity of Statistics Department, Yarmouk University, Jordan), Ministry of Higher Education and Scientific Research, Jordan, November 28- December 28, 2007.
- Country Co-ordinator for Free and Open Source Software (FOSS) Program, Electronic Information for Libraries Network eIFL.net, Rome, Italy, October 2007-present.
- A member of Springer Librarian Advisory Board, Springer Science Publisher, Germany (now it is an international publisher), Jan. 2007-present.
- Chair of the Receiving Committee of the Integrated Library System (ILS) for the Jordanian Public Universities (Horizon), Center of Excellence, Yarmouk University, Irbid-Jordan, March 27-October 30, 2007.
- A member of Accreditation Committee (Increase the Capacity of Mathematics Department, Priviate Zeutoneh University, Jordan), Ministry of Higher Education and Scientific Research, Jordan, July 20- August 21, 2005.
- Project Manager of Intellectual Property Rights IPR at Jordan, Electronic Information for Libraries Network eIFL.net, Rome, Italy, July 2005-present.
- A member of Supervision Committee, Curriculum of Information Management, Ministry of Education, 2004-2005, Jordan.
- A member of Administration Council of Excellency Center for Jordanian Public Universities Libraries, Amman, Jordan, August 20, 2004-Aug. 2007.
- A member of Consortium Subscription Committee for Electronic and Printed Information Resources, Center of Excellence for Jordanian Public Univesities Libraries, Yarmouk University, August 2004-Aug. 2007.
- Training Program in Ministry of Education on Using t-Test Statistics in the Educational Levels, Ministry of Education, Abu Dhabi, UAE, February 24, 1999.
- Presentation series of lectures on operations research and its applications in the military forces, Central Head Quarters Armed Forces, Command and Staff College, Abu Dhabi, UAE, February 28-March 1, 1999.
- Uses of computer package WinQSB in the operations research for the military Zayed College, Al Ain, UAE, April 15-18, 2000.
- Presentation series of lectures on operations research and its applications in the military forces, Central Head Quarters Armed Forces, Command and Staff College, Abu Dhabi, UAE, June 10, 2000.
- Preparation of an educational material about the quantitative research designed for the teachers, Ministry of education, UAE University, July 1-August 15, 2000.
- Preparation of an education material "An Introduction to SPSS", a training program of statistical package, designed for teachers, Ministry of education, UAE University, July 1-August 15, 2000.
- Contribution & Support to "The National Entrepreneurship Campaign", Abu Dhabi Chamber of Commerce & Industry, UAE, 2nd Oct.-26th Nov. 1999.

References

- Prof. H. N. Nagaraja, Ph. D. Advisor
  Department of Statistics
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- Prof. Douglas Wolfe, Emeritus Professor
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  Ohio State University, 1958 Neil Ave, Columbus, Ohio 43210, USA
  Tel. 614-292-2866, Fax: 614-292-2096
  (Email: daw432@gmail.com; daw@stat.ohio-state.edu)

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  The University of Jordan, Amman, Jordan
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