

MOHAMMED A. EL-SAIDI, Ph.D.

WORK ADDRESS

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OVERVIEW OF ACADEMIC QUALIFICATIONS

Experienced administrator, teacher, and researcher with outstanding leadership experience directing higher education departments and colleges to meet and exceed the university's strategic objectives. Highly committed to continuous quality improvement and the use of technology; demonstrated success in creating new graduate courses, curricular policies and procedures; strong teaching skills and significant experience in using cutting-edge teaching pedagogy; numerous teaching awards; results-oriented work ethic; and expertise in developing effective policies and procedures to consistently meet internal and external standards. Successful leader of complex change to meet the continuing challenges of multiple stakeholders in an academic setting. Ability to perform effectively on independent projects as well as in a team-based environment. Successful scholar with numerous refereed journal publications, textbook supplements, and editorial experience (e.g., Associate Editor of *Environmetrics* – the official journal of The International Environmetrics Society, and editorial board member of *Journal of Modern Applied Statistical Methods*).

HIGHER EDUCATION EXPERIENCE

UTAH VALLEY UNIVERSITY, Orem, UT

(2008-present)

Professor of Statistics (August 2009-Present)

Professor of Statistics and Director of UVU Office of Academic Research Support (June 2011-June 2017)

As the Founding Director of the Office of Academic research Support (OARS), I work closely with upper level administrators, deans, faculty, students, and other relevant faculty development centers and committees to advance the University's research efforts and help ensure research compliance with local, state and federal regulations. I also provide sound statistical support in the design of experiments and research surveys, analysis of data, and interpretation of the results. I am also responsible for overseeing the University's faculty research support specialists and staff and other initiatives related to the mission of OARS.

Interim Vice President of Academic Affairs (February 2009 – June 2009)

The VPAA is the chief academic officer of Utah Valley University (UVU). He reports directly to the president and works closely with the other Vice Presidents and the University community to develop and implement a unified academic vision that will lead to higher levels of academic excellence. The VPAA has responsibility for the University's relations with the Utah System of Higher Education (USHE), Utah Board of Regents, and UVU Board of Trustees. All deans of the seven schools / colleges and other academic administrators at UVU report to the VPAA. The VPAA is also responsible for developing and supporting the implementation of the University's academic mission, providing curricular and administrative leadership to optimize student learning and success, and ensuring the quality of undergraduate and graduate education at UVU. The VPAA provides leadership in the planning, development, assessment, budgeting and oversight of accreditation and all academic and research initiatives at the University. He is also responsible for the implementation of outcomes assessment for all academic programs, overseeing recruitment, evaluation, promotion, tenure and sabbatical of faculty; and supporting faculty enrichment and development in teaching and scholarship. The VPAA works closely with faculty and administration to strengthen the environment of collaborative decision making and shared governance.

Associate Vice President of Academic Affairs (July 2008 – February 2009 AND June 2009 – June 2011)

Assist the Vice President of Academic Affairs (VPAA) with the day-to-day functions and formulation of overall Academic Affairs objectives, policies, procedures, plans (strategic or otherwise) and projects. Coordinate administrative, educational, and technical activities to include budget, strategic planning, project and data management, and staffing within the VPAA office. Plan, coordinate and assess the effectiveness and outcomes of the annual budget process in consultation with the VPAA, deans, and others within Academic Affairs. Provide leadership in the development and supervision of academic programs in conjunction with the deans and representatives of the faculty and in the implementation of effective planning in academic affairs. Chair, lead, and actively participate in various vital institutional committees that include the Accreditation Executive Team for Northwest Commission on Colleges and Universities (NWCCU), Web Advisory Council (WAC), Strategic Web Action Team (SWAT), and Strategic Directions Advisory Committee (SDAC). Recommend to the VPAA faculty appointments, reappointments, promotions, tenure, sabbatical, and terminations based on both independent study of credentials and the recommendations of the dean and various faculty committees. Provide leadership in attaining excellence in academic degree programs and support units and in ensuring compliance with NWCCU accreditation requirements for all academic units. Work with the Faculty Senate on policies and procedures that directly affect faculty. Oversee the preparation of the Faculty Handbook, and other publications concerning academic matters. Hire, monitor, and conduct scheduled evaluations of the work performance of employees supervised. Work with the President, VPAA and the Office of Human Resources to promote diversity within academic affairs and to support university programs designed to create a welcoming environment for everyone. Represent the VPAA with internal and external audiences as directed, and serve as acting VPAA when an absence occurs.

TEXAS A & M UNIVERSITY - CENTRAL TEXAS, Killeen, TX (2006- 2008)

Academic Dean and Professor of Mathematics (August 2006 – June 2008)

Texas A & M University - Central Texas (TA&M-CT) in Killeen is an upper-level / graduate institution. As Academic Dean, I reported directly to the Executive Director and represented him in his absence. My administrative duties included:

1. Provided on-site supervision and leadership for faculty (total of 104), staff (total of 6) and academic programs (38 baccalaureate areas and 26 Master's areas),

2. Supervised daily operations and related support functions at TA&M-CT,
3. Planned, developed and managed the budget for academic affairs,
4. Made decisions on all personnel actions within academic affairs, including the employment, tenure, promotion, annual evaluation, retention and dismissal of faculty, and the employment of professional and clerical staff,
5. Provided the vision for development of academic programs,
6. Collaborated with the Office of Student Affairs to ensure that coordinated efforts in support of student life and development were realized,
7. Represented TA&M-CT in selected community activities,
8. Offered informed judgment on the quality and delivery of academic programs to the Executive Director and performed other duties appropriate to this level of administration as assigned by the Executive Director.

FERRIS STATE UNIVERSITY, Big Rapids, MI

(1986- 2006)

Assistant Dean of Assessment (May 2005 – Aug 2006)

I functioned as the assessment leader and voice for assessment activities in the College of Business. I was in charge of developing an assessment framework that enabled us to answer the following questions: What skill, knowledge, and attitude based exit competencies should student demonstrate upon successful completion of program, major, minor, certificate, course? Have these competencies been developed and validated by faculty and other stakeholder groups (e.g. business community)? What enabling competencies are demanded of the exit competencies? Have these enabling competencies been developed and validated by relevant stakeholders like subject matter experts and education/training experts? How are we measuring achievement of the target exit competencies? Have the measuring methods been developed and validated by competent experts and stakeholders? What processes are deployed to effect improvement based changes indicated or demanded by assessment results?

Department Head; Department of Accountancy, Finance, Economics, and Statistics; Professor of Statistics (Aug. 2000 - May 2005)

I was the administrative leader and voice for the Department. My responsibilities included, but were not restricted to, program development; strategic planning; operating departmental programs and activities within latest accreditation guidelines; faculty hiring, development and evaluation; responsible for 17 full time faculty, 6 adjunct faculty, and 200 majors in the main campus and two off-campus locations; programmatic development and positioning; student advising and support, recruitment, retention, and internship activities.

Professor of Statistics (1994-2000)

Sabbatical leave; Visiting Associate Professor of Statistics-Department of Statistics and Operations Research, Kuwait University (1993-1994)

Associate Professor of Statistics (1989-1993)

Assistant Professor of Statistics (1986-1989)

CONCURRENT SERVICE WORK EXPERIENCE

In 1998-1999, upon the recommendation of **Ferris State University's** President William Sederburg to the Board of Trustees, I coordinated a study of the University's economic impact on the State of Michigan. Some of the deliverable outcomes of this study included: enhancing **FSU's** exposure to key state business leaders and business organizations; established market position of FSU as a leader in understanding Michigan's future workforce needs; and procuring additional targeted state funding for **FSU** on the basis of the benefits accruing to the state economy from investments in higher education.

HIGHER EDUCATION DEGREES

1. **Management Development Program Certificate** - Harvard Graduate School of Education; Harvard University,
2. **Ph.D.** Mathematics (Applied Statistics Major) - The University of Memphis, TN,
3. **M.Sc.** Mathematical Statistics - The University of Iowa,
4. **B.Sc.** Pure Mathematics - The University of Tanta, Egypt,
5. **M.A.** Applied Mathematics and Psychology - The University of Tanta, Egypt
6. **B.Sc.** Applied Mathematics and Education - The University of Tanta, Egypt

PUBLICATIONS

Refereed Articles:

1. "Modality Demand Trends Post COVID in a Public University", 2022, submitted for publications, [withLynn Adams, et al.]
2. "Caffeine Consumption Habits, Sleep Quality, Sleep Quantity, and Perceived Stress of Undergraduate Nursing Students", **Nurse Educator**, 2022, Vol. 47, No. 2, March/April issue [with Mykin R. Higbee, et al.]
3. "Nurses Consuming Energy Drinks Report Poorer Sleep and Higher Stress", **Western Journal of Nursing Research**, 2020, Vol. 42(1), 24-31 [with Mykin R. Higbee, et al.]
4. "Association of Angiotensin I Converting Enzyme Insertion / 287 bp Deletion Polymorphisms and Proliferative Prostatic Diseases among Lebanese Men", **Prostate Cancer Journal | Hindawi**, 2020, Article ID 5959134, PMID 32089890, 6 pages, [with Asmahan El Ezzi, et al.] NB: Acceptance rate is 9%
5. "Association of Some Polymorphisms in the VDR Gene, the CYP17 Gene and the SRD5A2 Gene and Prostate Cancer among Lebanese Men", **Asian Pacific Journal of Cancer Prevention**, 2017, 18(1), 93-100, [with Asmahan El Ezzi, et al.]
6. "The Motivation for Organ Donation Among College Students in the United States", **Transplantation**, 2014, 46(6), 2046-2049, [with Asmahan El Ezzi, et al.]
7. Association of Benign Prostate Hyperplasia with Polymorphisms in VDR Gene, CYP17 Gene, and SRD5A2 Gene among Lebanese Men [with Asmahan A. El Ezzi, et al.] **Asian Pacific Journal of Cancer Prevention**, 2014, Vol. 15, issue 3, 1255-1262.
8. "The Current State of Female Leadership in the United Arab Emirates." **Journal of Global Responsibility**, 2013, Vol. 4, No. 1, 99-112. [With Linzi Kemp and Susan Madsen]

9. "Implementation of a Strategic Group Map and Balanced Scorecard in a University Setting." *International Journal of Management in Education*, 2010, Vol. 4, No. 2, 216-231. [with Laura L. Matherly]
10. "Long-Term Stability of Thyroid Hormones and DNA in Blood Spots Kept Under Varying Storage Conditions." *Pediatrics International*, 2010, 52(4), 637-639. [with Asmahan A. El Ezzi et al.]
11. "Stability of Total and Free Prostate Specific Antigen in Serum Submitted to Intermittent Cold Storage Conditions". *Indian Journal of Clinical Biochemistry*, 2009, 24(2), 166-174. [With Asmahan A. El Ezzi]
12. "Modeling Uncertainty in Periodic Random Environment: Applications to Environmental Studies," *Environmetrics*, 1999, 10(4) 467-485 [with B. Dimitrov and S. Chukova]
13. "Estimation of the Parameters in the Double Periodic Model," *Austrian Journal of Statistics*, 1998, Vol. 27, No 1&2, 49-57. [with Zohel Khalil]
14. "A General Log-Linear Model for the Analysis of Band Recovery Data," *Environmetrics*, 1998, 9(4) 377-391. [with Michael C. Cooper and D. G. Bonett].
15. "Estimating the Three-Parameter Weibull Distribution by the Method of Probability-Weighted Moments with Application to Medical Survival Data". *The International Congress on Modeling and Simulation* [Australia] (edited by A. D. McDonald and Michael McAleer), 1998, Vol. 3, 995-1000. [with Alfred A. Bartolucci, Karan P. Singh, Anne D. Bartolucci, and Michael J. Hardin]
16. "On Probability Distributions with Accumulating Failure Rates in Periodic Environment," *Environmetrics*, 1996, 7(1) 17-26. [with Boyan Dimitrov and Zohel Khalil]
17. "Some Moment Properties and Limit Theorems of the Reversed Generalized Logistic Distribution with Applications," *Communications in Statistics- Theory Methods*, 1996, 25(3), 609-630. [with B. Dimitrov, and S. Chukova]
18. "Extended Logistic Distributions: Properties and Possible Applications," *Statistical Data Analysis*, 1996, 10-23. [with S. Chukova, and B. Dimitrov]
19. "A Symmetric Extended Logistic Model with Applications to Experimental Toxicity Data," *Biometrical Journal*, 1995, 37(2) 205-216.
20. "Characterization of a General Class of Life-Testing Models," *Journal of Applied Probability*, 32 1995, 548-553. [with Mohamed E. Ghitany and Zohel Khalil]
21. "A Note on the Computation of the Cumulative Distribution Function of the Noncentral F Distribution," *The Egyptian Statistical Journal*, 1994, 38, 98-105. [with Karan P. Singh]
22. "A Power Transformation for Generalized Logistic Response Function with Application to Quantal Bioassay," *Biometrical Journal*, 1993, 35(6), 715-726.

23. "Symmetric Generalized Logistic Distribution: Some Moment Properties and Approximation to the Normal Distribution," *Statistics*, 1993, 25, 79-87. [with Karan P. Singh, and Alfred A. Bartolucci]
24. "A Minimum Logit Chi-Squared Estimator for Asymmetric Generalizations of the Logistic Model," *The Egyptian Statistical Journal*, 1993, 37, 213-221.
25. "An Analysis of the Effect of Mother's Working Status on the Development of Pre-School Children". *American Statistical Association*, 1993, *Refereed Proceedings of the Social Statistics Section*, 721-726. [with Effat Moussa and Mavis Barkley]
26. "A Generalized Log- Logistic Model for Analysis of Survival Data". *American Statistical Association*, 1992, *Refereed Proceedings of the Statistical Computing Section*, 113-118. [with Karan P. Singh and Alfred A. Bartolucci]
27. "Evaluating the Cumulative Distribution Function and 100 α Percentage Point of a Family of Generalized Logistic Distributions," *Biometrical Journal*, 1991, 33(7), 865-873. [with Karan P. Singh]
28. "On a Characterization of the Generalized Log-Logistic Distribution". *Environmetrics*, 1990, 1, 337-342. [with Karan P. Singh, and Alfred A. Bartolucci]
29. "Generalized Logistic Model for Quantal Response Bioassay," *Biometrical Journal*, 1990, 32(8), 943-954. [with Olusegun George]
30. "Computing Probabilities for the Difference of Two T-Variables," *The 22nd Symposium on the interface of Computer Science and Statistics*, 1990, *Refereed Proceedings*, 519-523. [with Karan P. Singh and George E. Relyea]
31. "A Generalized Logistic Model for Analysis of Dose-Response Data". *Current Science*, 1989, 58, 1247-1249. [with Karan P. Singh]
32. "On the Stukel Model: Generalized Minimum Logit Chi-Squared Estimators," *Journal of Statistical Studies*, 1988, 8, 1-8. [with Karan P. Singh (1988)].
33. "Generalized Logistic Approximation of the Student t-distribution," *Communication in Statistics: Simulation and Computations*, 1986, 15(4), 1199-1208. [with E.O. George and Karan P. Singh]
34. "The ISO 14000 Series of International Standards". *The International Environmetrics Society Newsletter*, Vol. 3 1997, No. 1, 10-11.
35. Book Review of *Environmental Statistics and Data Analysis* by Wayne R. Ott". *The International Environmetrics Society Newsletter*, Vol. 3, No. 2 1997, 10-11.
36. "The ISO 14000 Series of International Standards". *The International Environmetrics Society Newsletter*, Vol. 3 1997, No. 1, 10-11.
37. Book Review of *Environmental Statistics and Data Analysis* by Wayne R. Ott". *The International Environmetrics Society Newsletter*, Vol. 3, No. 2 1997, 10-11.

Textbook Materials' Publications

38. Test Bank to accompany ***Essentials of Business Statistics: Communicating with Numbers*** by Jaggia and Kelly, 2nd Edition, McGraw Hill Education (2019)
39. Test Bank to accompany ***Business Statistics: Communicating with Numbers*** by Jaggia and Kelly, 3rd Edition, McGraw Hill Education (2018)
40. Test Bank to accompany ***Statistics for Business and Economics*** by Newbold, Carlson and Thorne, 7th Edition, ISBN: 10-0136085059, Prentice Hall (2010).
41. Test Bank to accompany ***Statistics for Business and Economics*** by Newbold, Carlson and Thorne, 6th Edition, ISBN: 0-13-188091-8, Pearson Prentice Hall (2007).
42. Test Bank to accompany ***Elementary Statistics*** by Johnson and Kuby, 10th Edition, ISBN: 0-495-10530-9, Brooks/Cole (2007).
43. Test Bank to accompany ***Data Analysis & Decision Making with Microsoft Excel*** by Albright, Winston, and Zappe, 3rd Edition, ISBN: 0-324-40220-1, Brooks/Cole (2006).
44. Test Bank to accompany ***Introduction to Probability & Statistics*** by Mendenhall, Beaver and Beaver, 12th Edition, ISBN: 0-534-46327-4, Brooks / Cole (2006).
45. Test Bank to accompany ***Essentials of Business Statistics*** by Ronald M. Weiers, 5th Edition", ISBN: 0-534-46473-4, Duxbury (2006).
46. Test Bank to accompany ***Statistics for Management and Economics*** by Keller, 7th Edition, ISBN: 0-534-49128-6, Brooks/ Cole (2005).
47. Test Bank to accompany ***Just the Essentials of Elementary Statistics*** by Johnson and Kuby, 9th Edition, ISBN: 0-534-99950-6, Brooks/Cole (2005).
48. Test Bank to accompany ***Elementary Statistics*** by Johnson and Kuby, 9th Edition, ISBN: 0-534-39920-7, Brooks/Cole (2005).
49. Test Bank to accompany ***Introduction to Business Statistics*** by Ronald M. Weiers, 5th Edition, ISBN: 0-534-49273-8, Duxbury (2005),
50. Test Bank to accompany ***Applied Statistics for Engineers and Scientists*** by Devore and Farnum, 2nd Edition, ISBN: 0-534-46721-0, Brooks/Cole (2005).
51. Test Bank to accompany ***Basic Statistical Ideas for Managers*** by Hildebrand, Ott, and Gray, 2nd Edition, ISBN: 0-534-38292-4, Brooks/Cole (2005).
52. Test Bank to accompany ***Data Analysis for Managers with Microsoft Excel*** by Albright, Winston, and Zappe, ISBN: 0-534-39908-8, Brooks/Cole (2004).
53. Test Bank to accompany ***Probability and Statistics for Engineering and the Sciences*** by Devore, 6th Edition, ISBN: 0-534-39935-5, Brooks/Cole (2004).

54. Test Bank to accompany ***Introduction to Probability & Statistics*** by Mendenhall, Beaver and Beaver, 11th Edition, ISBN: 0-534-39523-6, Brooks/Cole (2003).
55. Test Bank to accompany ***Data Analysis & Decision Making with Microsoft Excel*** by Albright, Winston, and Zappe, 2nd Edition", ISBN: 0-534-39908-8, Brooks/Cole (2003).
56. Test Bank to accompany ***Introduction to Business Statistics*** by Ronald M. Weiers, 4th Edition, ISBN: 0-534-38767-5, Duxbury (2002).
57. Test Bank to accompany ***Statistics for Management and Economics*** by Keller and Warrack, 6th Edition", ISBN: 0-534-39190-7, Brooks/ Cole (2002).
58. Instructor's Suite for Microsoft Office to accompany ***Statistics for Management and Economics*** by Keller and Warrack, 6th Edition", ISBN: 0-534-39194-X, Brooks/ Cole (2002). [with Gerald Keller and Zvi Goldstein]
59. Test Bank to accompany ***Statistics for Management and Economics*** by Keller and Warrack, 5th Edition", ISBN: 0-534-36146-9, Duxbury (2000).
60. Instructor's Suite for Microsoft Office to accompany ***Statistics for Management and Economics*** by Keller and Warrack, 5th Edition", ISBN: 0-534-37148-5, Duxbury (2000). [with Zvi Goldstein, Gerald Keller and Brian Warrack]
61. Test Bank to accompany ***Managerial Statistics*** by Albright, Winston, and Zappe, ISBN: 0-534-37142-6, Duxbury. (2000).
62. Test Bank to accompany ***Data Analysis & Decision Making with Microsoft Excel*** by Albright, Winston, and Zappe, ISBN: 0-534-36186-2, Duxbury (2000).
63. Test Bank to accompany ***Relevant Business Statistics, using Microsoft Excel*** by Gerbing, ISBN: 0-324-00190-8, South-Western College Publishing, ITP West (1999).

SELECTED SCHOLARLY WORKS- IN -PROGRESS

64. "Modeling Periodicity of Chemical Concentrations in the Niagara River Water," [with B. Dimitrov and A. H. El-Shaarawi]
65. "A Causal Model Integrating Strategic Management and Total Quality Management to Predict Student's Intention to Enroll in Higher Education and Employer's Intention to Hire [with Laura L. Matherly]
66. Stability of Total and Free Prostate Specific Antigen in serum and kits kept under unique storage conditions [with Asmahan A. El Ezzi, et al.]

AREAS OF RESEARCH & SCHOLARLY INTEREST

1. Statistical Methods in Clinical Trials
2. Logistic and Log-Logistic Models
3. Bioassay Problems
4. Statistical Computing and Data Analysis

5. Environmetrics
6. Business and Economics Statistics
7. Cancer Modeling
8. Strategic Planning in Higher Education

PROFESSIONAL CONFERENCES

1. To attend and make a presentation at the 6th International Researchers, Statisticians and Young Statisticians, to be held in Antalya, Turkey November 3-5, 2022.
2. To attend and make a presentation at the Sixth International Teaching Forum, hosted by Utah Valley University, November 17-18, 2022.
3. To attend the Great Teachers' Summit, to be held at the Zermatt Resort in Midway, UT, October 20-22, 2022.
4. Attended McGraw Hill Insights into Business Statistics and Analytics Virtual Success Summit, March 17-19, 2022, Nashville, TN.
5. Attended McGraw Hill Insights into Business Statistics and Analytics Virtual Success Summit, February 2022.
6. Attended the 2019 Course Hero Education Summit, San Francisco, July 18-19, 2019
7. Attended the Faculty Development in International Business 2019: MENA Program (Israel, Jordan, Morocco), December 30, 2018 – January 13, 2019
8. Attended McGraw–Hill Education's Insights into Business Statistics and Analytics Success Summit, February 22-24, 2018, New Orleans, LA
9. Attended and presented a paper at the 251st American Chemistry Society National Conference, March 13-17, 2016, San Diego, CA
10. "Chemistry & Global Stewardship", 248th American Chemistry Society National Conference, August 10-14, 2014, San Francisco, CA.
11. "A Causal Model Integrating Strategic Management and Total Quality Management to Predict Student's Intention to Enroll in Higher Education and Employer's Intention to Hire [with Laura Matherly], To be presented at the Fourth International Quality Congress – Middle East, Hamdan Bin Mohammed University, Dubai, United Arab Emirates, March 22nd – 24th, 2010.
12. L. Matherly], To be presented at the Fourth International Quality Congress – Middle East, Hamdan Bin Mohammed University, Dubai, United Arab Emirates, March 22nd – 24th, 2010.
13. Northwest Commission on Colleges and Universities (NWCCU) Annual Conference, Seattle, Washington, February 17-18, 2010.
14. "Implementation of Strategic Group Maps and a Balanced Scorecard in a University Setting". Presented at Southern Management Association, 2008 Annual Meeting, [with Laura Matherly], St. Petersburg Beach, FL, October 28 - November 1, 2008.
15. The First Utah Valley University Conference on "Best Practices in Policy Management", Orem, UT, November 7, 2008.
16. "Using Project Management to Implement Strategic Planning and a Strategic Scorecard in a University Setting." Presented at the Southwest Academy of Management Meeting [with Laura Matherly and Dan Martin], March 5-8, 2008, Houston, TX.

17. Member of the Scientific Committee of the Thirteenth International Conference on Quantitative Methods for the Environmental Sciences, Genoa, Italy, June 18-22, 2002.

18. Midwest Business Administration Association 38th Annual Meeting, Chicago, February 27 - March 1, 2002.
19. "Correlated Binary Process in Environmental Modeling". Presented at the Twelfth International Conference on Quantitative Methods for Decision Making, Portland, Oregon, August 13-17, 2001.
20. Chair, "Aquatic Environmetrics", Contributed Paper Session, the Twelfth International Conference on Quantitative Methods for Decision Making, Portland, Oregon, August 13-17, 2001.
21. The ACBSP Thirteenth Annual Conference, New York, June 29-July 2, 2001 .
22. Midwest Business Administration Association 37th Annual Meeting, Chicago, March 7-9, 2001.
23. Member of the Scientific Committee of the Eleventh International Conference on Quantitative Methods for the Environmental Sciences, the University of Sheffield, Sheffield, England , September 4-8, 2000. The conference was sponsored jointly by The International Environmetrics Society (TIES) and Statistics in Public Resources and Utilities, and in Care of the Environment (SPRUCE).
24. Midwest Business Administration Association 36th Annual Meeting, Chicago, March 1-3, 2000.
25. Creation and Development of the Environmetrics Research and Education Program for Colombia". Presented at the Tenth International Conference on Quantitative Methods for the Environmental Sciences, Athens, Greece, August 23-27, 1999.
26. Member of the Scientific Committee of the Ninth International Conference on Quantitative Methods for the Environmental Sciences, Queensland, Australia, July 3-6, 1998.
27. Chair, "Source Identification & Detection of Change" contributed paper session, the Ninth International Conference on Quantitative Methods for the Environmental Sciences, Queensland, Australia, July 3-6, 1998.
28. Chair, "Modelling Environmental Evolution with Periodic Behavior" invited session, the Eighth International Conference on Statistical Methods for the Environmental Sciences, Innsbruck, Austria, August 4 - 8, 1997.
29. "Uncertainty in Periodic Environment and its Applications for Environmental Modelling". Presented at the Eighth International Conference on Statistical Methods for the Environmental Sciences, Innsbruck, Austria, August 4 - 8, 1997.
30. "Estimation of the Parameters in the Double Periodic Model". Presented at the Eighth International Conference on Statistical Methods for the Environmental Sciences, Innsbruck, Austria, August 4 - 8, 1997.
31. "A General Log-Linear Model for the Analysis of Band Recovery Data". Presented at the Eighth International Conference on Statistical Methods for the Environmental Sciences, Innsbruck, Austria, August 4 - 8, 1997.
32. Member of the Scientific Committee of the Eighth International Conference on Statistical Methods for the Environmental Sciences, Innsbruck, Austria, August 4 - 8, 1997.

33. "Modelling Periodicity of Chemical Concentrations in the Niagara River Water". Presented at Seventh International Conference on Statistical Methods for the Environmental Sciences, Sao Paulo, Brazil, July 22 - 26, 1996.
34. "Overall Population Growth in Periodic Environment". Presented at the Sixth International Conference on Statistical Methods for the Environmental Sciences, Kuala Lumpur, Malaysia, December 6 - 9, 1995.
35. "A New Method for Estimating Parameters and Quantiles of the Three-Parameter Weibull Distribution". Presented at the Sixth International Conference on Statistical Methods for the Environmental Sciences, Kuala Lumpur, Malaysia, December 6 - 9, 1995.
36. Chair, "Soil Studies and Stochastic Hydrology" contributed paper session, the Sixth International Conference on Statistical Methods for the Environmental Sciences, Kuala Lumpur, Malaysia, December 6 - 9, 1995.
37. "Some Moment Properties and Limit Theorems of the Reverses Generalized Logistic Distribution with Applications". Presented at the Fifth International Conference on Statistical Methods for the Environmental Sciences, Burlington, Ontario, Canada, August 11 -15, 1994.
38. "On Some Characterizations of the Reverses Generalized Logistic Distribution". Presented at the Fifth International Conference on Statistical Methods for the Environmental Sciences, Burlington, Ontario, Canada, August 11 -15, 1994.
39. "On Probability Distributions with Accumulating Failure Rates in Periodic Random Environment". Presented at the Fifth International Conference on Statistical Methods for the Environmental Sciences, Burlington, Ontario, Canada, August 11 -15, 1994.
40. Chair, "Statistical Methods with Environmental Applications" contributed paper session, the Fifth International Conference on Statistical Methods for the Environmental Sciences, Burlington, Ontario, Canada, August 13, 1994.
41. Chair, "Modelling: Air Quality and Climatology" contributed paper session, the Fifth International Conference on Statistical Methods for the Environmental Sciences, Burlington, Ontario, Canada, August 15, 1994.
42. "On the Non-central F Probabilities". Presented at the Annual Conference of the American Statistical Association, San Francisco, August. 8-12, 1993.
43. An invited speaker at the Fourth International Conference of Statistical Methods for the Environmental Sciences, Finland, August 17-21, 1992.
44. "Symmetric Generalized Logistic Models for Quantal Assay Data: A Review". Presented at the Annual Conference of the American Statistical Association, Boston, August 9-13, 1992.
45. "A Generalized Log-Logistic Model for Analysis of Survival Data". Presented at the American Statistical Association Winter Conference, Louisville, January 3-5, 1992.
46. Chair, "Contingency Tables: Function Estimation" contributed paper session, the American Statistical Association Winter Conference, Louisville, January 3-5, 1992.

47. "On a Characterization of the Generalized Log-Logistic Distribution". Presented at the Annual Conference of the American Statistical Association, Atlanta, August 18-22, 1991.
48. "Estimating the Three--Parameter Weibull Distribution by the Method of Probability—Weighted Moments". Presented at the Annual Conference of the American Statistical Association, Atlanta, August 18-22, 1991.
49. "Evaluating the Cumulative Distribution Function and 100a Percentage Point of a Family of Generalized Logistic Distributions". Presented at the American Statistical Association Winter Conference, Orlando, January 3-7, 1990.
50. Represented Ferris State University at the "Michigan Conference on Teaching and Use of Statistical Theory and Methods", Michigan State University, East Lansing, October. 25-26, 1990.
51. "A Generalized Logistic Model for Quantal Response Bioassay". Presented at the Annual Conference of the American Statistical Association, New Orleans, August 22-25, 1988.
52. Represented Ferris State University at the "Mid-Michigan American Statistical Association Meeting", Michigan State University, East Lansing, October 27, 1987.
53. Attended the Annual Conference of the American Statistical Association, Chicago, August 18-21, 1986.

TEACHING INTERESTS AND EXPERTISE

I have taught numerous courses in statistics and mathematics at all class levels from freshman to graduate students. This includes, but not limited to, Linear Models, Time Series Analysis, Theory of Statistics, Statistical Research Methods, Mathematical Statistics, Biostatistics, Numerical Analysis, Linear Algebra, and Calculus. In addition, I have successfully developed and/or taught the following graduate business courses: Decision Support Systems; Operations Research, Research Methodology in Business; Continuous Improvement Tools and Techniques; and Marketing Research.

PROFESSIONAL MEMBERSHIPS

1. The International Statistical Institute (elected lifetime membership in 1999).
2. American Statistical Association
3. The Institute of Mathematical Statistics
4. The International Environmetrics Society
5. Academy of Management

ACADEMIC HONORS & AWARDS

1. Recipient, 2017 National Science Foundation - sponsored workshop, *Training Professionals to Prepare STEM Undergraduates for Research*, the University of Central Florida, June 11-17, 2017.

2. Recipient, Utah valley University Faculty Senate Excellence Award, 2013.
3. Recipient, Texas A&M University-Central Texas Mini Grant (2008). Proposed study “ Application of Statistical Analysis Methodologies to Determine the Differential Stability of Total and Free Prostate Specific Antigen in Archival Serum Submitted to Intermittent Cold Storage Conditions”
4. Recipient, Ferris State University’s Michigan Association of Governing Boards Distinguished Faculty Award, 2000.
5. An Editorial Board Member, *Journal of Modern Applied Statistical Methods* (2004 – 2009)
6. Associate Editor of *Environmetrics* (1997 – 2009). This is the official journal of The International Environmetrics Society (TIES)
7. Editor, *Newsletter of the International Environmetrics Society*, 1996-1999.
8. The International Statistical Institute Lifetime Fellowship (since 1999)
9. Nominee for Michigan Association of Governing Boards Distinguished Faculty Award, Ferris State University 1989, 1991, and 1999
10. Ferris State University 1998/99 Distinguished Teacher Award: Finalist
11. Ferris State University 1997/98 Distinguished Teacher Award: Finalist
12. Recipient, the 1996 Ferris State University Provost’s Award for Excellence.
13. Recipient, the 1996 Ferris State University Presidential Merit Award.
14. Recipient, the 1996, 1993, and 1990 Ferris State University Faculty Research Grants.
15. University Fellowship: The University of Memphis, 1984-1986.
16. University Fellowship: The University of Iowa, 1980-1983.
17. Ranked first among the 1973 Mathematics Graduates, The University of Tanta, Egypt.