

**PROMOTION CURRICULUM VITAE OF
B. M. GOLAM KIBRIA
DEPARTMENT OF MATHEMATICS AND STATISTICS, FIU**

EDUCATION

<u>Degree</u>	<u>Institution</u>	<u>Field</u>	<u>Dates</u>
Ph.D.	The University of Western Ontario, London, Canada,	Statistics	Sept 1993- Oct 1997
Masters of Science	Carleton University, Ottawa, Canada	Statistics	Sept 1991- Nov 1993
Masters of Science	Jahangirnagar University, Dhaka, Bangladesh	Statistics	July 1986- July 1988
Bachelor of Science	Jahangirnagar University, Dhaka, Bangladesh	Statistics	July 1981- June 1986

FULL-TIME ACADEMIC EXPERIENCE

<u>Institution</u>	<u>Rank</u>	<u>Field</u>	<u>Dates(Month & Year)</u>
Department of Mathematics and Statistics, Florida International University	Associate Professor	Statistics	August 2009-present
Department of Statistics, Florida International University	Associate Professor	Statistics	August 2006-August 2009
Department of Statistics, Florida International University	Assistant Professor	Statistics	August 2000-May 2006
The University of British Columbia	Assistant Professor	Statistics	July 1998-July 2000
The University of Western Ontario	Assistant Professor	Statistics	September 1997 to June 1998.
Jahangirnagar University	Lecturer	Statistics	August 1988 to August 1991

OTHER APPOINTMENT AT FIU

<u>Rank</u>	<u>Department/Institution</u>	<u>Dates</u>
Affiliated Faculty, Software Testing Research Group	School of Computing and Information Sciences (SCIS), Florida International University	July 2010-present
Statistician and a Research Faculty	Florida Public Hurricane Loss Model, IHRC, Florida International University	Since January 2006 to date.
Dissertation Advisor	Statistics, Florida International University	Since April 15, 2005 to date.
Affiliated Faculty	Department of Environmental Studies, Florida International University	Since June 11, 2004 to date.
Affiliated Researcher	The Lehman Center for Transportation Research (LCTR), FIU	Since April 2004 to date.
Graduate Faculty	Department of Statistics, Florida International University	Since December, 2003 to date.

EMPLOYMENT RECORD AT FIU

<u>Institution</u>	<u>Rank</u>	<u>Field</u>	<u>Dates(Month &Year)</u>
Department of Mathematics and Statistics, Florida International University	Associate Professor	Statistics	August 2009-present
Department of Statistics, Florida International University	Associate Professor	Statistics	August 2006-August 2009
Department of Statistics, Florida International University	Assistant Professor	Statistics	August 2000-May 2006

PUBLICATIONS IN DISCIPLINE

Papers in Professional Journals

Articles Accepted/ Published in refereed journals

105. A Simulation Study on Some Restricted Ridge Regression Estimators. Communications in Statistics-Simulation and Computation. In press, (Najarian, S. Arashi, M & **B. M. G. Kibria**)

104. Performance of Some Logistic Ridge Regression Estimators. Computational Economics. In press. First published on line DOI 10.1007/s10614-011-9275-x. (**B. M. G. Kibria**, Månsson, K. and G. Shukur).

103. On Some Tests of Homogeneity of Variances: A Comparative Study. Journal of Statistical Computation and Simulation. In press. (Sharma, D. and **B. M. G. Kibria**).

102. A comparison of some confidence intervals for estimating the population coefficient of variation: A simulation study. Statistics and Operations Research Transactions. In press. (Gulhar, M., **B. M. G. Kibria**, Albatineh, A. N. and Ahmed, N. U.)

101. Confidence Intervals for Estimating the Population Signal to Noise Ratio: A Simulation Study. Journal of Applied Statistics. DOI:10.1080/02664763.2011.644527. In press. (George, F. and **B. M. G. Kibria**)

100. Some Statistical methods in Assessing Relational Agreement: An Empirical Comparative Study. Communications in Statistics-Simulation and Computation. In press (Tang, F., **B. M. G. Kibria** and Xie, H.).

99. Modified Liu-Type Estimator based on (r-k) Class. Communications in Statistics –Theory & Methods. In press (Alheety, M. I., Gore, S. D. and **B. M. G. Kibria**.)

98. A Note on the Beta Inverse-Weibull Distribution. Communications in Statistics –Theory & Methods. In press. (Mohsin, M., Shahbaz, M. Q, Shahbaz, S. and **B. M. G. Kibria**.)

97. Modified Ridge Parameters for Seemingly Unrelated Regression Model. Communications in Statistics–Theory and Methods. 41: 1675–1691, 2012 (Zeebari, Z. Shukur, G and **B. M. G. Kibria**).

96. A Note on Mean Residual Life of the k out of n System. The Bulletin of the Malaysian Mathematical Sciences Society. (2012), In press (Ahsanullah, M., Aazad, A. A. and **B. M. G. Kibria**)
95. Improving the Estimators of the Parameters of a Probit Regression Model: A Ridge Regression Approach. Journal of Statistical Planning and Inference. (2012), 142 (6), 1421-1435 (DOI:10.1016/j.jspi.2011.12.023), (**B. M. G. Kibria**, and K. Md. E. Saleh)
94. On Some Liu and Ridge Type Estimators and their Properties Under the Ill-conditioned Gaussian Linear Regression Model. Journal of Statistical Computation and Simulation. (2012), 82(1), 1-17 (**B. M. G. Kibria**).
93. Improved Liu Estimators for the Poisson Regression Model. International Journal of Statistics and Probability, (2012), 1(1), 1-6. (Kristofer, M, **Kibria, B. M. G** and Shukur, G.)
92. Choosing ridge Parameters in the Linear regression Model with AR(1) Error: A Comparative Simulation Study. International Journal of Statistics & Economics (IJSE), (2011), 7(11), 10-26. (Alheety, M. I. and **B. M. G. Kibria**)
91. On Some Ridge Regression Estimators: A Nonparametric Approach. Journal of Nonparametric Statistics. (2011), 23(3), 819-851. (Saleh, K. Md. E. and **B. M. G. Kibria**)
90. A Simulation Study on Some Confidence Intervals for Estimating the Population Standard Deviation. Statistics and Operations Research Transactions (SORT). (2011), 35 (2), 83-102. (Abu-Shawiesh, M. O. A., Banik, S. and **B. M. G. Kibria**)
89. Using a Class Abstraction Technique to Predict Faults in OO Classes: a case study through six releases of the Eclipse JDT. In *Proceedings of the 2011 ACM Symposium on Applied Computing (SAC '11)*. ACM, New York, NY, USA, (2011) pages 1419-1424. (Acceptance rate 29%). (Babich, D., Clarke, P. J., Power, J. F. and **B. M. G. Kibria**).
88. Sharma, D., McGee, D. and Kibria, B. M. G. (2011). Measures of Explained Variation and the Base-Rate Problem for Logistic Regression. *American Journal of Biostatistics*, 2 (1): 11-19.
87. Confidence Interval for a Poisson Parameter: A Comparative Empirical Study. Journal of Statistical Studies. (2011), 30, 27-39. (George, F. and **B. M. G. Kibria**).

86. On some confidence intervals for estimating the population median: An empirical study. International Journal of Applied Mathematics. (2011), 24(2), 161-182. (Abu-Shawiesh, M. O. A. and **B. M. G. Kibria**)
85. Empirical comparison of some test statistics for testing the mean of a poisson distribution. Applications and Applied Mathematics, 6(11), 1814-1829. (**B. M. G. Kibria** and George, F.).
84. Estimating the Population Coefficient of Variation by Confidence Intervals. Communications in Statistics- Computation and Simulation. (2011), 40: 1236–1261. (Banik, S. and **B. M. G. Kibria**)
83. On some Ridge Regression Estimators: A Monte Carlo simulation study under Different Error Variances. Journal of Statistics. (2010), 17, 1-22. (Månsson, K, Shukur, G. and **B. M. G. Kibria**)
82. Some Test Statistics for Testing the Binomial Parameter: Empirical Power Comparison. American Journal of Biostatistics. (2010), 1 (2): 82-93. (George, F. and **B. M. G. Kibria**)
81. Estimation of the Mean vector of a Multivariate Elliptically Contoured Distribution. Calcutta Statistical Association Bulletin. (2010), Vol-62, No. 247-248. (Saleh, A. K. Md. E. and **B. M. G. Kibria**)
80. The Multivariate T-Distribution and its Applications in Regression Analysis. Journal of Applied Statistical Science. (2010), 18(2), 17-30. (**B. M. G. Kibria** and Joarder, A. H.)
79. A New Family of Distributions Based on Generalized Pearson Differential Equation with Some Applications. Austrian Journal of Statistics, (2010), 39(3), 259–278. (Shakil, M., Singh: J. N. and **B. M. G. Kibria**)
78. Preliminary test estimation of the Parameters of Exponential and Pareto Distributions for Censored samples. Statistical Papers. (2010), 4, 757-773. (**B. M. G. Kibria** and Saleh, A. K. Md. E.)
77. Recurrence Relations for Single and Product Moments of Generalized Order Statistics for Rayleigh Distribution. Applied Mathematics and Informational Sciences- An International Journal. (2010), 4(3), 273–279. (Mohsin, M., Shahbaz, M. Q and **B. M. G. Kibria**)

76. A Simulation Study of some Ridge Regression Estimators under Different Distributional Assumptions. Communications in Statistics-Simulation and Computation. (2010), 39 (8), 1639-1670. (Månsson, K., Shukur, G and **B. M. G. Kibria**)
75. Predicting Losses of Residential Structures in the State of Florida by the Public Hurricane Loss Evaluation Models. **With discussion** in Statistical Methodology. (2010), 7, 552-573. (Hamid, S, **B. M. G. Kibria**, Gulati, S. et al.)
74. Authors' responses to the discussion on "Predicting losses of residential structures in the state of Florida by the Public Hurricane Loss Evaluation Model". Statistical Methodology, (2010), 7(5), 596-600. (Shahid Hamid, **B.M. Golam Kibria**, Sneha Gulati, Mark Powell, Bachir Annane, Steve Cocke, Jean-Paul Pinelli, Kurt Gurley, Shu-Ching Chen).
73. On a Family of Life Distributions based on the generalized Pearson differential equation with applications in Health Science. Journal of Statistical Theory and Applications, (2010). 9(2), 255-281. (Shakil, M. and **B. M. G. Kibria**).
72. Comparison of Some Parametric and Nonparametric Type One Sample Confidence Intervals for Estimating the Mean of a Positively Skewed Distribution. Communications in Statistics-Simulation and Computation. (2010), 39: 361–389, (Banik, S. and **B. M. G. Kibria**)
71. On a family of product distributions based on the Whittaker functions and generalized Pearson differential equation. Silver Jubilee Issue of Pakistan Journal of Statistics, (2010), 26(1), 111-125 (Shakil, M. , Singh, J. N. and **B. M. G. Kibria**).
70. Comparison of Some Test Statistics for Testing the Mean of a Right Skewed Distribution. Journal of Statistical Theory and Applications. (2010), 9(1), 77-90. (Banik, S. and **B. M. G. Kibria**)
69. On the Liu and Almost unbiased estimators in presence of multicollinearity with heteroscedastic or correlated error. Surveys in Mathematics and its Applications, (2009), 4, 155-168. (Alheety, M. A. and **B. M. G. Kibria**)
68. Improved estimation of the parameters of simple linear regression model with autocorrelated errors. Journal of Statistical Research. (2009), 43(1), 89-107. (Saleh, A. K. Md. E., Tang, F. and **B. M. G. Kibria**)
67. Exact sampling distribution of reliability coefficient for Erlang-truncated Distribution. Journal of Mathematical Sciences and Mathematics Education. (2009), 4(2), 7-13. (Mohsin, M.,

Shahbaz, M. Q, Shahbaz, S. and **B. M. G. Kibria**)

66. One and Two Sample Confidence Intervals for estimating the mean of Skewed Populations: An Empirical Comparative Study. Journal of Applied Statistics. (2009), 36, 601-609. (Baklizi, A. and **B. M. G. Kibria**)

65. On some classical, bootstrap and transformation confidence intervals for estimating the mean of an asymmetrical population. Model Assisted Statistics and Applications, (2009), 4(2), 91-104. (Almonte, C. and **B. M. G. Kibria**)

64. Exact Distributions of the Linear Combination of Rayleigh and Gamma Random Variables. Austrian Journal of Statistics. (2009), 38 (1), 33-44. (Shakil, M and **B. M. G. Kibria**)

63. On some ridge regression estimators: An Empirical Comparisons. Communications in Statistics-Simulation and Computation, (2009), 38:3, 621-630. (Muniz, G. and **B. M. G. Kibria**)

62. Robust Predictive Inference for Multivariate Linear Models with Elliptically Contoured Distribution Using Bayesian, Classical and Structural Approaches. Journal of Modern Applied Statistical Methods, (2008), 7(2), 535 – 545 (**B. M. G. Kibria**).

61. A Note on Kullback-Leibler Discrimination Information Properties of Record Values. Journal of Statistical Research. (2008), 42(2), 89-98. (Shakil, M, Singh, J. N. and **B. M. G. Kibria**)

60. A new biased estimator for the restricted linear regression model. Journal of Statistical Theory and Applications. (2008), 16(4), 293-302. (Alheety, M. A., Gore, S. D. and **B. M. G. Kibria**)

59. A new Student t type distribution and its properties. Journal of Applied Statistical Science, (2008), 16(3), 355-364. (Shakil, M and **B. M. G. Kibria**)

58. Analyzing Clusters of Class Characteristics in OO Applications. Journal of Systems and Software, (2008), 81, 2269–2286 (Peter J. Clarke, P. J., Babich, D, King, T. M and **B. M. G. Kibria**)

57. Distributions of the product and ratio of Maxwell and Rayleigh random variables. Statistical Papers, (2008), 49:729–747. (Shakil, M., **B. M. G. Kibria** and Chang, K-C).

56. Characterization of virus replication, Journal in Computer Virology, (2008), 4(3), 221-234. (Jose, A. M., Peter J. Clarke, Yi Deng and **B. M. G. Kibria**).

55. On fixed critical value for Preliminary test estimator. International Journal of Statistical Science (2007), 6, 181-192. (**B. M. G. Kibria** and Nadarajah, S)
54. On the probability distribution of the ratio of Maxwell and Rayleigh random variables. Special issue of the "Journal of Statistical Studies" in honor of Distinguished Research Professor A. K. Md. E. Saleh. (2007), 26, 85-95. (Shakil, M. and **B. M. G. Kibria**)
53. On The Product of Maxwell and Rice Random Variables. Journal of Modern Applied Statistical Methods. (2007), 6 (1), 212- 218. (Shakil, M. and **B. M. G. Kibria**).
52. On some confidence intervals for estimating the mean of a skewed population. International Journal of Mathematical Education in Science and Technology. (2007), 38 (3), 412--421. (Shi, W. and **B. M. G. Kibria**).
51. Shrinkage Estimation of a Mean Vector when the data are from two Multivariate Normal Populations. Journal of Statistical Theory and Application. (2007), 6(1), 61-81. (**B. M. G. Kibria** and Nadarajah, S.)
50. Reliability modeling: Linear combination and ratio of Exponential and Rayleigh. IEEE Transactions on Reliability. (2007), 56 (1), 102-105. (Nadarajah, S. and **B. M. G. Kibria**)
49. On the exact distribution for the product and ratio of normal and t random variables. Calcutta Statistical Association Bulletin. (2006), Vol. 58, Nos. 229-230, 77-92. (Nadarajah, S. and **B. M. G. Kibria**).
48. Applications of some improved Estimators in linear regression. Journal of Modern Applied Statistical Methods. (2006), 5(2), 367-380. (**B. M. G. Kibria**)
47. Testing and Evaluating Virus Detectors for Handheld Devices. Journal in Computer Virology -Special Issue on Mobile Malware and Antimalware Technologies. (2006), 2 (2), 135-147. (Morales, J. A., Clarke, P. J., Deng, Y . and **B. M. G. Kibria**)
46. Exact Distribution of the Ratio of Gamma and Rayleigh Random Variables. Pakistan Journal of Statistics and Operational Research. (2006), 2(2), 87-98. (Shakil, M. and **B. M. G. Kibria**)
45. Drought models based on Burr XII variables. Applications Mathematicae (2006), 33, 185-193. (Nadarajah, S. and **B. M. G. Kibria**)
44. The predictive distribution for the heteroscedastic multivariate linear model with elliptically contoured distributions. Journal of Statistical Research. (2006) 40(1), 35-43. (**B. M. G. Kibria** and Nadarajah, S.)
43. A Short Review of Multivariate t -Distribution. Journal of Statistical Research. (2006) 40(1), 59-72. (**B. M. G. Kibria** and Joarder A. H).

42. Distribution of the ratio of Maxwell and Rice random variables. International Journal of Contemporary Mathematical Sciences. (2006), 1 (13), 623 -637. (Shakil, M, **B. M. G. Kibria** and Singh, J. N.)
41. The Matric t Distribution and its Applications in Predictive Inference. Journal of Multivariate Analysis. (2006), 97, (3), 785-795. (**B. M. G. Kibria**)
40. Modified confidence intervals for the mean of the Asymmetric distribution. Pakistan Journal of Statistics. (2006), 22 (2), 109-120. (**B. M. G. Kibria**)
39. Optimum critical value for pre-test estimators. Communications in Statistics-Simulation and Computation. (2006) 35 (2), 309-319. (**B. M. G. Kibria** and Saleh, A. K. Md. E.)
38. Ratio of generalized random variables with applications. Stochastic Environmental Research & Risk Assessment (2006), 20, 206-212 (Nadarajah, S. and **B. M. G. Kibria**).
37. Applications of some discrete regression models for count data. Pakistan Journal of Statistics and Operation Research, (2006), 2 (1), 1-16. (**B. M. G. Kibria**)
36. Some criterion for the least square regression plane. Varahmihit Journal of Mathematical Sciences. (2005), 5(2), 351-364. (Shakil, M., Shing, J. N. and **B. M. G. Kibria**)
35. Comparison between Han-Bancroft and Brook Methods to Determine the optimal Significance level for Pre-Test Estimator. Journal of Probability and Statistical Science. (2005), 3, 293-303. (**B. M. G. Kibria** and A. K. Md. E. Saleh)
34. Pooling multivariate data under W, LR, and LM tests. Statistical Papers. 47, 49-68. (2005). (**B. M. G. Kibria** and A. K. Md. E. Saleh)
33. Performance of Positive Rule Estimator in the Ill-Conditioned Gaussian Regression Model. Calcutta Statistical Association Bulletin. 55, 211-241. (2005). (**B. M. G. Kibria** and A. K. Md. E. Saleh)
32. Simultaneous Estimation of Regression Parameters With Spherically Symmetric Errors Under Possible Stochastic Constraints. International Journal of Statistical Science (2004). 3, 1-20. (S., M., M. Tabatabaey, A. K. Md. E. Saleh and **B. M. G. Kibria**)
31. On some modified t tests for testing the mean of a right skewed distribution. Journal of Statistical Theory and Application. (2004) 3, 247-257. (**B. M. G. Kibria**)

30. Truncated Moments of the Reciprocal of a Noncentral F Variable. International Journal of Statistical Sciences (2004), 3, 55-60 (**B. M. G. Kibria**)
29. Conflict among the shrinkage estimators induced by W, LR and LM tests under a Student's t regression model. Journal of the Korean Statistical Society, (2004) 33 (4), 411-433. (**B. M. G. Kibria**)
28. Estimation strategies for the parameters of the linear regression models under spherically symmetric distributions. Journal of Statistical Research (2004). 38, 13-31 (S. M. M. Tabatabaey, A. K. Md. E. Sales and **B. M. G. Kibria**.)
27. Performance of the shrinkage preliminary test ridge regression estimators based on the conflicting of W, LR and LM tests. Journal of Statistical Computation and Simulation (2004), 74 (11), 793 - 810 (**B. M. G. Kibria**).
26. On some ridge regression estimators under possible stochastic constraint. Pakistan Journal of Statistics, (2004) 20(1), 1-23. (**B. M. G. Kibria**)
25. Preliminary test ridge regression estimators with Student's t errors and conflicting test-statistics, Metrika, (2004) 59(2), 105-124. (**B. M. G. Kibria** and A. K. Md. E. Saleh)
24. Thabane, L. and Kibria, B. M. G. (2003). The inverse Student-t Distribution and its Applications in Bayesian Prediction under the Inverse Normal Model. Journal of Statistical Theory and Applications (2003) 2, 235-246. (L. Thabane and **B. M. G. Kibria**)
23. Estimation of the Mean Vector of a Multivariate Normal Distribution under Various Test Statistics, Journal of Probability and Statistical Science, (2003) 1, 141-155. (**B. M. G. Kibria** and A. K. Md. E. Saleh)
22. Robust Predictive Inference for the Multivariate Linear Models with Elliptically Contoured Distribution. Far East Journal of Theoretical Statistics, (2003) 10(1), 11-24. (**Kibria, B. M. G.**)
21. Effect of W, LR, and LM Tests on the Performance of Preliminary Test Ridge Regression Estimators. Journal of the Japan Statistical Society, (2003) 33(1), 119-136. (**Kibria, B. M. G.** and A. K. Md. E. Saleh)
20. Performance of some new ridge regression estimators. Communications in Statistics-Simulation and Computation, (2003) 32, 419-435. (**B. M. G. Kibria**)
19. Simultaneous shrinkage estimation of the mean of a multivariate normal distribution. Journal of Statistical Research, (2002) 36, 29-44. (**B. M. G. Kibria**)
18. Robust inference of the heteroscedastic multivariate linear models with multivariate students t errors. International Mathematics Journal, (2002) 2, 833-839 (**Kibria, B. M. G.**).

17. Bayesian Spatial Prediction of Random Space-Time Fields With Application to Mapping PM_{2.5} Exposure. Journal of the American Statistical Association, (2002) 97, 112-124. (**B. M. G. Kibria**, L. Sun, J. V. Zidek and L. Nhu)
16. A note on Bayesian predictions for the linear regression model with elliptical error distribution. Journal of Statistical Research, (2000) 34, 179-185. (**B. M. G. Kibria**)
15. A note on the Generalized Gamma distribution. Special issue in the honor of Dr. A K. Md. Ehsanes Saleh and Dr. Emad Eldin A. A. Aly, Pakistan Journal of Statistics, (2000) 16, 169-180 (T Lehana, S. Drekić and **B. M. G. Kibria**).
14. The multivariate linear model with matrix T error variables. Journal of Applied Statistical Sciences, 4, (2000) 277-290. (**B. M. G. Kibria** and M. S. Haq)
13. Predictive inference for the elliptical linear model. Journal of Multivariate Analysis. (1999) 68, 235-249 (**B. M. G. Kibria** and M. S. Haq).
12. The multivariate linear model with multivariate t and intra-class covariance structure. Statistical Paper, (1999), 40, 263-276. (**B. M. G. Kibria** and M. S. Haq)
11. The prediction distribution for the heteroscedastic multivariate linear models. Communications in Statistics-Theory and Method, (1999) 28(10), 2477-2486 (**B. M. G. Kibria**)
10. On the Generalized modified Power Bessel Distribution. Journal of Statistical Research, 33(1), 9 - 22 (1999). (L. Thabane and **B. M. G. Kibria**)
09. Marginal likelihood and prediction for the multivariate ARMA(1,1) linear models with multivariate t error distribution. Journal of Statistical Research. (1998) 32(1) 71-80. (**B. M. G. Kibria** and M. S. Haq)
08. Predictive inference for the linear and multivariate linear models with MA(1) error processes. Communications in Statistics-Theory and Methods, (1997) 26, 331-353. (**B. M. G. Kibria** and M. S. Haq)
07. Shrinkage estimation for the multicollinear observations in a regression model with multivariate t distributions. Journal of Statistical Research, (1997) 31 (1), 83-102. (**B. M. G. Kibria** and S. E. Ahmed)
06. On shrinkage ridge regression estimators for restricted linear models with multivariate t disturbances. Students, (1996) 1 (3), 177-188. (**B. M. G. Kibria**)
05. Prediction problems in regression analysis. Journal of Statistical Research, (1996) 30(1), 67-76. (**B. M. G. Kibria**)

04. On preliminary test ridge regression estimator for the restricted linear model with non-normal disturbances. *Communications in Statistics-Theory and Methods*, (1996) 25, 2349-2369. (**B. M. G. Kibria**)
03. A Shrinkage estimator for the restricted linear regression model: Ridge regression approach. *Journal of Applied Statistical Science*, (1996) 3, 301-316. (**B. M. G. Kibria** and M. S. Haq)
02. Performance of shrinkage preliminary test estimator in regression analysis. *Jahangirnagar Review*. (1993) A 17, 133-148. (**B. M. G. Kibria** and Saleh, A. K. Md.)
01. Performances of some new preliminary test ridge regression estimators and their properties. *Communications in Statistics-Theory and Methods*, (1993) 22, 2747-2764. (A. K. Md. E. Saleh and **B. M. G. Kibria**)

Publications in Proceedings

15. Banik, S. and Kibria, B. M. G. (2011). A simulation study on some parametric confidence intervals for the difference of means of two skewed populations. *Proceedings of the 14th International Conference on computer and information technology (ICCIT 2011)*, 22-24 December 2011, Dhaka, Bangladesh.
14. A New Five-Parameter Burr System of Distributions Based on Generalized Pearson Differential Equation. In *JSM Proceedings*, Physical and Engineering Sciences Section. Alexandria, VA: American Statistical Association, (2011), pp. 866-880. (**B. M. G. Kibria** and Shakil, M.)
13. On Some New Classes of Pearsonian Distributions. In *JSM Proceedings*, Physical and Engineering Sciences Section. Alexandria, VA: American Statistical Association, (2011), pp. 881-895. (Shakil, M. and **B. M. G. Kibria** and Singh, J. N.)
12. Performance of Some Test Statistics for Testing the Mean of a Poisson Distribution. In *JSM Proceedings*, Statistical Computing Section. Alexandria, VA: American Statistical Association, pp. 984- 997. (George, F. and **B. M. G. Kibria**)
11. Estimation Of Catastrophic Losses And Tail Distributions Through Some Extreme Value Distributions. In *JSM Proceedings*, Risk Analysis Section. Alexandria, VA: American Statistical Association, pp. (2011), 3995-3953. (Fan, Y. Gulati, S. and **B. M. G. Kibria**)
10. Comparison of some one sample confidence intervals for estimating the mean of positively skewed distributions. *Proceedings of the International Conference on recent development in*

Statistical Sciences (ICSS). North South University, Dhaka Bangladesh. December 26-27, 2009. pp 402-411. (Banik, S. And **B. M. G. Kibria**)

09. Public Hurricane Loss Evaluation Models: Predicting Losses of Residential Structures in the State of Florida. Section on Survey Research Methods, *JSM 2008 Proceedings*, (2008), pp 1052- 1059. (Hamid, S., **B. M. G. Kibria**, Gulati, S. etc)

08. On Some Discrete Models and Their Comparisons: An Empirical Comparative Study. *Proceedings of The 5th Sino-International Symposium on Probability, Statistics, and Quantitative Management KUI/FGUI/JUFE* Taipei, Taiwan, ROC (2008), May 17, 2008 pp. 41-56 *ICAQM/CDMS*. (Banik, S. and **B. M. G. Kibria**).

07. Robust Predictive Inference for the Multivariate Linear Models with Elliptically Contoured Error Distribution: Bayesian, Classical and Structural Approaches. *Proceedings of The 4th Sino-International Symposium October, 2007 on Probability, Statistics, and Quantitative Management ICAQM/CDMS* Taipei, Taiwan, ROC (2007), May 12, 2007 pp. 21-34 (**B. M. G. Kibria**).

06. Statistics with confidence: Comparison of some confidence intervals for the mean of a skewed population. *Proceedings of the 3rd Sino-International Symposium on Probability, Statistics and Quantitative Management ICAQM*, Taipei, Taiwan, ROC (2006), June 10, 2006, 121-134. (Shi, W. and **B. M. G. Kibria**)

05. The Applications of Matric t Distribution in Predictive Inference for a Multivariate Linear Model. In *JSM Proceedings, Biometrics* Section. Alexandria, VA: American Statistical Association, (2005), pages 255-262 (**B. M. G. Kibria**).

04. A note on the distribution of future regression and SSP matrices for multivariate elliptical linear model. *Proceedings of the second Sino-International Symposium on Probability, Statistics and Quantitative Management ICAQM*, Taipei, Taiwan, ROC, (2005), May, 2005, 181-188 (**B. M. G. Kibria**).

03. Application of Some Improved Ridge Regression Estimators with Real Data. *Proceedings of the first Sino-International Symposium on Probability, Statistics and Quantitative Management ICAQM*, Taipei, Taiwan, ROC, (2004) June 6, 2004, 61-72. (**B. M. G. Kibria** and A. K. Md. E. Saleh)

02. The inverse student-t distribution and its application in Bayesian prediction. *Proceedings of the Eighth National Statistical Conference, Dhaka, Bangladesh*, (2003) January 7-8, 71-79. (L. Thabane and **B. M. G. Kibria**)

01. An application of Bayesian approach for backcasting and spatially predicting unmeasured multivariate random space-time fields. *Proceedings of the Eighth National Statistical Conference, Dhaka, Bangladesh*, (2003) January 7-8, 19-29. (**B. M. G. Kibria**, L. Sun, J. V. Zidek and L. Nhu)

Books Review

04. Bayes Linear Statistics: Theory and Methods by Michael Goldstein and David Wooff, Wiley, New York, 2007, ISBN 978-0-470-01562-9 (hardback). Journal of the Royal Statistical Society: Series A (Statistics in Society) 171 (1), 316–316 (2007) (**B. M. G. Kibria**).
03. Bayesian Statistics and Marketing, by P. E. Rossi, G. M. Allenby, and R. McCulloch, Technometrics, Vol. 49, No. 2, May 2007 pp.230 (**B. M. G. Kibria**).
02. Introduction to Statistics Through Resampling Methods and R/S-PLUS” by Phillip I Good, Wiley (2005), Statistical Papers, 48, 537-538 (**B. M. G. Kibria**).
01. Permutation, Parametric, and Bootstrap Tests of Hypothesis, Third Edition, by Phillip Good, Springer (2005), Statistical Papers, 47, 653-658 (**B. M. G. Kibria**).

OTHER JOURNAL PUBLICATIONS

07. Corrections and complements to: Preliminary test estimation of the parameters of exponential and Pareto distributions for censored samples. Statistical Papers. In press. (I. Barranco-Chamorro, **B. M. G. Kibria** and A. K. Md. E. Saleh)
06. A Biographical Sketch of Professor Bradley Efron: A Distinguished Statistician and the Star of the Science. Journal of Statistical Research. (2010). 44(1), 1-13 (**B. M. G. Kibria**).
05. A. K. Md. Ehsanes Saleh: A Luminous Professor of Statistics. International Journal of Statistical Sciences. (2009), 9, 1-5 (**B. M. G. Kibria**).
04. Bayesian prediction for the linear model with Equi-correlated responses: An application of the generalized multivariate modified bessel distribution. Festschrift, In honor of Distinguished Professor Mir Masoom Ali on the occasion of his retirement, May 18-19, 328-335. (2007). (L. Thabane and **B. M. G. Kibria**)
03. A letter to the Editor. Community Dentistry and Oral Epidemiology. (2005), 33, 235-236 (**B. M. G. Kibria**).
02. Short life sketch of Professor M. Safiul Haq. International Journal of Statistical Science, (2004), 3, 1-2. (**B. M. G. Kibria**)
01. Correction to “Model selection: Full Bayesian approach: Carlos Alberto de Braganca Pereira and Julio Michael Stern” Environmetrics. (2004), 15: 743 (**B. M. G. Kibria**).

PRESENTED PAPERS, LECTURES, EXHIBITIONS, AND PERFORMANCES

40. Testing population coefficient of variation. Presented in the *17th Mathematics Conference, held in the Department of Mathematics, Jahangirnagar University, Savar, Dhaka*, on 22-24 December 2011 (**Shipra Banik** and B.M. Golam Kibria).

39. A simulation study of some parametric confidence interval for testing means of two skewed populations. Presented in the *International Conference of Computer and Information Technology, held in the School of Engineering and Computer Science, American International University - Bangladesh, Dhaka*, on 22-24 December 2011 (**Shipra Banik** and B.M. Golam Kibria).

38. A New Five-Parameter Burr System of Distributions Based on Generalized Pearson Differential Equation. Presented at *Joint Statistical Meetings*, July 30 - August 4, 2011. Miami Beach, Florida, USA. (**Kibria, B. M. G.** and Shakil, M.)

37. On Some New Classes of Pearsonian Distributions. Presented at *Joint Statistical Meetings*, July 30 - August 4, 2011. Miami Beach, Florida, USA. (**Shakil, M.** and Kibria, B. M. G.).

36. Estimation Of Catastrophic Losses And Tail Distributions Through Some Extreme Value Distributions. Presented at *Joint Statistical Meetings*, July 30 - August 4, 2011. Miami Beach, Florida, USA. (**Fan, Y.** Gulati, S. and Kibria, B. M. G.).

35. Performance of Some Test Statistics for Testing the Mean of a Poisson Distribution. Presented at *Joint Statistical Meetings*, July 30 - August 4, 2011. Miami Beach, Florida, USA. (**George, F.** and Kibria, B. M. G.).

34. (Invited Speaker) Almonty, C. and Kibria, B. M. G. (2011). On some confidence intervals for estimating the population mean of a skewed distribution. Presented at the *School of Business and Economics, Linnaeus University, Vaxjo, Sweden*, May 31, 2011 (**B. M. G. Kibria**).

33. (Invited Speaker) Hamid, S., Kibria, B. M. G, Gulati, S, et al. (2010) Public Hurricane Loss Evaluation Models: Predicting Losses of Residential Structures in the State of Florida. Presented at the *School of Business and Economics, Linnaeus University, Vaxjo, Sweden*, May 31, 2011 (**B. M. G. Kibria**).

32. (Invited Speaker) On some ridge regression estimators for estimating the parameter of the logistic and probit regression models. Presented at the *first International Conference on the Theory and Applications of Statistics*, Dhaka University, Bangladesh December 26-28, 2010 (Saleh, A. K. Md. E. and **B. M. G. Kibria**.)

31. (Invited Speaker) Public Hurricane Loss Evaluation Models: Predicting Losses of Residential Structures in the State of Florida presented at *Institute of Statistical Research and*

Training, Dhaka University, Dhaka, Bangladesh, December 8, 2010 (Hamid, S., B. M. G. Kibria, Gulati, S, et al.).

30. A comparative Study of some confidence Intervals for Estimating the Population Coefficient of Variation, Presented in the *Department of Statistics at Jahangirnagar University, Dhaka, Bangladesh* on December 11, 2010. (S. Banik and **B. M. G. Kibria**)

29. On Some Confidence Intervals for Estimating Poisson Parameter. Presented at *IFNA-International Federation for Nonlinear Analysis, Atlanta, Georgia, August 11-14, 2010.* (**Florence, G.** and B. M. G. Kibria).

28. Comparison of some parametric and non-parametric test statistics for testing the mean of a right skewed distribution: An Empirical Study. Presented at *the 16th Mathematics Conference of Bangladesh Mathematical Society 17-19 December, 2009, BUET, Dhaka, Bangladesh.* (**Banik, S.** and B. M. G. Kibria).

27. On a new class of Pearsonian Distributions and its Properties, Presenting a paper at *American Mathematical Society Meeting 2009 at Boca Raton* on October 31, 2009. (**Shakil, M., Singh, J. N.** and Kibria, B. M. G.).

26. On the product and ratio distributions two random variables when they belong to two different families. Presenting a paper at *American Mathematical Society Meeting 2009 at Boca Raton* on October 31, 2009. (Shakil, M. and **B. M. G. Kibria**).

25. Public Hurricane Loss Evaluation Models: Predicting Losses of Residential Structures in the State of Florida. Presented at *Joint Statistical Meetings 2008, Denver, Colorado, USA, August 2 to 7, 2008* (Hamid, S., **B. M. G. Kibria, Gulati, S.** et al.).

24. (Invited speaker) Robust Predictive Inference for the Multivariate Linear Models with Elliptically Contoured Distribution using the Bayesian, Classical and Structural Approaches. Presented at the *meeting of the South Florida Chapter of American Statistical Association, December 06, 2007.* (**B. M. G. Kibria**).

23. (Invited speaker) On Some t and Bootstrap types Confidence Intervals and their Performance. Presented at the *Department of Statistics, University of Dhaka, Bangladesh, August 17, 2006.* (**B. M. G. Kibria**).

22. (Invited speaker) Confidence interval Estimation of the Mean for a Skewed Population. Presented at the *Department of Statistics, Jahangirnagar University, Dhaka, Bangladesh, July 25, 2006.* (**B. M. G. Kibria**).

21. (Invited speaker) On some ridge regression estimators and their applications. Presented at the

Institute of Statistical Research and Training, University of Dhaka, Dhaka, Bangladesh, July 24, 2006. (B. M. G. Kibria).

20. (Invited speaker) Matric t distribution and its applications in the predictive inference for multivariate elliptically contoured error models. Presented at the *Theoretical Statistics and Mathematics Unit, Indian Statistical Institute, Calcutta, July 19, 2006. (B. M. G. Kibria).*

19. (Invited speaker) Conflict among the shrinkage estimators induced by W, LR and LM tests when the error of the regression model follow a Students t Distribution. Presented at the *Department of Statistics, Calcutta University, July 18, 2006. (B. M. G. Kibria and A. K. Md. E. Saleh).*

18. (Invited speaker) On some modified t types confidence intervals for the mean of the skewed distribution. Presented at the *Department of Statistics and Information Science, Fu Jen Catholic University, Taipei, Taiwan, ROC, July 13, 2006. (B. M. G. Kibria).*

17. (Invited speaker) Performance of shrinkage ridge regression estimator based on W, LR, and LM tests and under a Student's t regression model. Presented at the *Department of Statistics and Information Science, Fu Jen Catholic University, Taipei, Taiwan, ROC, July 13, 2006. (B. M. G. Kibria).*

16. (Invited speaker) Improved ridge regression estimators: Theory and Application. Presented at the *Department of Industrial Engineering & Management, National Chiao-Tung University, Hsinchu, Taiwan, ROC, July 12, 2006. (B. M. G. Kibria and A. K. Md. E. Saleh).*

15. (Invited speaker) The predictive distributions of the future response and regression matrices under the multivariate elliptically contoured error distributions. Presented at the *Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, ROC, July 07, 2006. (B. M. G. Kibria).*

14. The applications of Matric t Distribution in predictive Inference for a Multivariate Linear Model. Presented at the *Joint Statistical Meeting, Minneapolis, Minnesota, USA August 7 to 11, 2005. (B. M. G. Kibria).*

13. On some improved estimators for the ill-conditioned Gaussian regression models. Presented at the *Department of Statistics, Florida International University, Miami, FL 33199. February 27, 2004. (B. M. G. Kibria).*

12. The predictive distributions of regression and sum of squares and products matrices for

the multivariate elliptically contoured error distributions. *International workshop on Bayesian data analysis, University of California, Santa Cruz, August 7-10, 2003.* (**B. M. G. Kibria**).

11. (Invited speaker) Multivariate Bayesian spatial interpolation using Gaussian-Generalized Inverted Wishart Model. Presented at the *South Florida Chapter of the American Statistical Association*, January 31, 2003. (**B. M. G. Kibria**, L. Sun, J. V. Zidek and L. Nhu).

10. Bayesian Spatial prediction of random space-time fields with application to Mapping PM2.5 Exposure. Presented at the *Department of Statistics, Jahangirnagar University, Savar, Dhaka, Bangladesh*, January 9, 2003. (**B. M. G. Kibria**, L. Sun, J. V. Zidek and L. Nhu).

09.(Invited speaker) A Bayesian approach to Backcasting and Spatially predicting un-measured multivariate random space-time fields with application to PM2.5. Presented at the *Eighth national statistical conference organized by Bangladesh Statistical Association, Dhaka, Bangladesh*, January 7-8, 2003. (**B. M. G. Kibria**, L. Sun, J. V. Zidek and L. Nhu).

08. (Invited speaker) The inverse Student-t distribution and its application in Bayesian prediction under the inverse normal model predicting the number needed to treat (NNT). Presented at the *Eighth national statistical conference organized by Bangladesh Statistical Association, Dhaka, Bangladesh*, January 7-8, 2003. (L. Thabane and **B. M. G. Kibria**)

07. Effect of W, LR, and LM Tests on the Performance of Preliminary Test Ridge Regression Estimators. Presented at the *annual meeting of the statistical society of Canada, Hamilton, Ontario*, May 26 to 29, 2002. (**B. M. G. Kibria**).

06. Predictive inference for the elliptical linear model. Presented at the *University of British Columbia, Vancouver, Canada*, October 27, 1998 and at the *University of Manitoba, Winnipeg, Canada*, November 19, 1998. (**B. M. G. Kibria**).

05. The multivariate linear model with matrix T error variables. Presented at the *annual meeting of the statistical society of Canada, Sherbrooke, Quebec*, May 31 to June 3, 1998. (**B. M. G. Kibria**).

04. Contribution to predictive inference for the multivariate linear models. Presented in the *Department of Statistical and Actuarial Sciences at The University of Western Ontario, London, Canada*, August 25, 1997. (**B. M. G. Kibria**).

03.(Invited speaker) Performances of some new preliminary test ridge regression estimators and

their properties. Presented in the *Department of Statistical and Actuarial Sciences at the University of Waterloo, Ontario*, May 26, 1994. (A. K. Md. E. Saleh and **B. M. G. Kibria**).

02. On various ridge regression estimators and their properties. Presented in the *Department of Mathematics and Statistics, Carleton University, Ottawa, Canada*, July 22, 1992. (**B. M. G. Kibria**).

01. Sampling experiments on the studentized F-type tests of the analysis of groups of randomized block design in presence of heterogeneous errors variances: A Monte Carlo study. Presented at the *one day seminar organized by the Bangladesh Statistical Association, Dhaka, Bangladesh*, and May 10, 1991. (**B. M. G. Kibria**).

Papers submitted to Journals for Publications

08. On Liu Estimators for the Logit Regression Model. (Kristofer, M., **B. M. G. Kibria**, and Shukur, G.).

07. Methods for Testing Population Signal to Noise Ratio (**B. M. G. Kibria** and Florence, G.)

06. A Simulation Study of Some Ridge Regression Estimators for the Poisson Regression Model (**B. M. G. Kibria**, Månsson, K. And Shukur, G.).

05. Parametric and Nonparametric Confidence Intervals for Estimating the Difference of Means of Two Skewed Populations (**B. M. G. Kibria** and S. Banik)

04. Some Ridge regression Estimators for zero inflated poisson Model (**B. M. G. Kibria**, Kristofer, M. and Shukur, G.).

03. A Robust Bivariate Control Chart Alternative to the Hotelling's T2 Control Chart. (Abu-Shawiesh, M. O. A. and **B. M. G. Kibria**)

02. On Developing Ridge Regression Parameters: A Graphical investigation. (Muniz, G., **B. M. G. Kibria**, Månsson, K. and Shukur, G.).

01. On Some Ridge Regression Estimators for Estimating the Parameters of a Logistic Regression Model. (Saleh, A. K. Md. E. and **B. M. G. Kibria**.).

Research in Progress

07. Performance of Some Ridge Regression Estimators for the Multinomial Logit Model. (Månsson, K, Shukur, G. and **B. M. G. Kibria**.)
06. Inference on skewness and kurtosis. (**B. M. G. Kibria** and S. Banik)
05. Testing the coefficient of variation (Banik, S., **B. M. G. Kibria** and Sharma, D.)
04. On Shrinkage Estimators in Matrix Variate Elliptical Models. (Arashi, M., **B. M. G. Kibria** and Tajdoo, M.)
03. Improved Preliminary test and Stein-Rule Liu Estimators in the Ill-Conditioned Elliptical Linear Regression Model (Arashi, M., **B. M. G. Kibria**. and Tajdoo, M.)
02. R-Estimators of Multivariate Location: Subspace Hypothesis (Saleh, A. K. Md. and **B. M. G. Kibria**)
01. A generalized stochastic restricted estimators (Alheety, M. I. and **B. M. G. Kibria**)

Funded Research

07. 2011 *Summer Faculty Development Award* (jointly with Florence George), FIU, funded for summer research by the Dean of the College of Arts and Sciences, Florida International University, Miami, FL. Amount: 3,900.00
06. (PS# 204700501, Subaccount to 251000546). Agency: US DOE-EDUCATION. For Student Equity and Achievement in Mathematics and Science (SEAMS) at FIU. October 1, 2005 to September 30, 2008. Amount \$7,000.00
05. *2007 Summer Research Award* \$4204.30, funded for summer research by the Dean of the College of Arts and Sciences, Florida International University, Miami, FL.
Amount: 4204.30
04. *2005 Faculty Development Award*, FIU, funded for summer research by the Dean of the College of Arts and Sciences, Florida International University, Miami, FL.
Amount: \$6777.00
03. *2003 summer research Award* \$3500.00, funded by the Dean of the College of Arts and Sciences, Florida International University, Miami, FL.
02. *2002 summer research Award* \$3600.00, funded by the Dean of the College of Arts and

Sciences, Florida International University, Miami, FL.

01.2001 *Summer research Award* \$3600.00, funded by the Dean of the College of Arts and Sciences, Florida International University, Miami, FL.

PROFESSIONAL HONORS, PRIZES, FELLOWSHIPS

13. Elected Fellow of the *Royal Statistical Society*.

12. Received Honorable Mention, Outstanding Presentation Award, Joint Statistical Meetings 2011, presented by the Section on **Physical and Engineering Sciences of the American Statistical Association**.

11. Special 2008-2009 Merit Increase
Department: Department of Statistics
School/College: **College of Arts and Science**
University: Florida International University

10. Special 2006-2007 Merit Increase
Department: Department of Statistics
School/College: **College of Arts and Science**
University: Florida International University

09. 2005 Chapter Service Recognition Award in recognition of outstanding and devoted service to the South Florida Chapter of American Statistical Association. Presented at the 165th Annual Meeting, JSM 2005, Minneapolis, Minnesota.

08. Merit Increase: 2003-2004
Department: **Department of Statistics**
School/College: **College of Arts and Science**
University: Florida International University

07. Merit Increase: 2002-2003
Department: **Department of Statistics**
School/College: **College of Arts and Science**
University: Florida International University

06. 1997 Graduate Research Fellowship
Department: **Department of Statistical and Actuarial Science**
School/College: **Dean of Science**

University: The University of Western Ontario

05. 1993-1996 Canadian Common Wealth Scholarship
Department: **Department of Statistical and Actuarial Science**
University: The University of Western Ontario

04. 1995 UWO Stat Lab Award
Department: **Department of Statistical and Actuarial Science**
University: The University of Western Ontario

03. 1986 Government Talent Pool Scholarship
Department: Department of Statistics
School/College: Dean of Science
University: Jahangirnagar University

02. 1986 Asadul Kabir Scholarship and Gold Medal
Department: **Department of Statistics**
School/College: **Dean of Science**
University: Jahangirnagar University

01. 1986 Chancellor Award
Awarded by the President, People's republic of Bangladesh.

OFFICES HELD IN PROFESSIONAL SOCIETIES

04. **President:** The South Florida Chapter of ASA (January to December 2007).

03. **Vice President:** The South Florida Chapter of ASA (January to December 2006).

02. **Treasurer:** The South Florida Chapter of ASA (January to December 2005)

01. **Elected Secretary:** The South Florida Chapter of ASA (January to December 2004).

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

1. Profesional Services

1.1 Editorial Board Membership

18. **Coordinating Editor:** *Journal of Probability and Statistical Science*. Since August 2006 to date.

17. **Overseas Managing Editor:** *Journal of Statistical Research*. From January 2007 to December 2010.

16. Associate Editor: *Journal of Probability and Statistical Science*. From November 2002 to August 2006.

15. Member of the Editorial Board of *Global Journal of Quantitative Science*. Since January 2012 to date.

14. Member of the Editorial Board: *International Journal of Statistics and Applications*. Since October 2011 to date.

13. Member of the Editorial Board: *Advances and Applications in Statistical Sciences*. Since 2008 to date.

12. Member of the Editorial Board: *Antartica Journal of Mathematics*. Since 2010 to date.

11. Member of the Editorial Board: *Archimedes Journal of Mathematics*. Since 2010 to date.

10. Member of the Editorial Advisory Board: *Journal of Scientific Research*. Since 2008 to date.

09. Member of Editorial Advisory Board: *Journal of Statistics*. Since 2008 to date.

08. Member of the Editorial Board: *Journal of Statistical Studies*. From 2005 to 2009.

07. Member of the Editorial Board: *Journal of Statistics: Advances in Theory and Applications*. Since 2010 to date.

06. Member of the Editorial Board: *International Journal of Statistical Science*. Since 2005 to date.

05. Member of the Editorial Board: *Pakistan Journal of Statistics*. From January 2005 to December 2009.

04. Member of the Editorial Board: *Pakistan Journal of Statistics & Operation Research*. Since March 2006 to date.

03. Member of the Editorial Board: *Pioneer Journal of Theoretical and Applied Statistics*, Since 2010.

02. Reviewer for Mathematical Reviews. Since November 2002 to date. Reviewed about 40 journal papers.

01. Was actively involved with the *International Journal of Statistical Science*. Felicitation Issue in honor of Professor M. Safiul Haq, Professor Emeritus, University of Western Ontario, London, Ontario, Canada (Vol 3 December 2004).

1.2 Papers Review: Reviewed several papers for the following 46 deferent international Biostatistical, Economical. Engineering, Mathematical, Quality Control, and Statistical journals:

46. Accident Analysis and Prevention (9)
45. Advances and Applications in Statistical Sciences(1)
44. African Journal of Agricultural Research (1)
43. Agricultural Economics (1)
42. Applications and Applied Mathematics: An International Journal (AAM) (2)
41. Applied Mathematics Letters (1)
40. BMC Medical Research Methodology (1)
39. Bulletin of the Malaysian Math Science Society
38. Calcutta Statistical Association Bulletin (2)
37. Communications in Statistics–Simulation and Computation (6)
36. Communications in Statistics–Theory and Method (6)
35. Community Dentistry and Oral Epidemiology (2)
34. Computational Statistics and Data Analysis (3)
33. Contemporary Clinical Trials (1)
32. Economic Modeling (2)
31. Far East Journal of Theoretical Statistics (1)
30. Hacettepe Journal of Mathematics and Statistics (1)
29. International Journal of Statistical Science (IJSS) (7)
28. International Journal of Statistics and Economics
27. International J. of Math Education in Sci and Technology
26. Journal of Clinical Epidemiology (1)
25. Journal of Applied Statistics (2)
24. Journal of Applied Statistical Sciences (3)
23. Journal of Applied Probability and Statistics (2)
22. Journal of Iranian Statistical Society (2)

21. Journal of Multivariate Analysis (JMVA) (5)
20. Journal of Statistics (4)
19. Journal of Statistical Computation and Simulation (3)
18. Journal of Statistical Planning and Inference (3)
17. Journal of Statistical Research (7)
16. Journal of Inequalities and Applications (1)
15. Journal of Statistical Studies (4)
14. Journal of Probability and Statistical Science (10)
13. Mathematical and computer modeling (2)
12. Pakistan Journal of Statistics (4)
11. Pakistan Journal of Statistics and Operational Research (2)
10. PONR (1)
09. Quality Technology and Quantitative Management (1)
08. Scandinavian Journal of Hospitality and Tourism (1)
07. Statistics (2)
06. Statistics and Probability letters (4)
05. Statistical Papers (5)
04. Stochastic Environmental Research & Risk Assessment (1)
03. Test (2)
02. The Arabian Journal for Science and Engineering (2)
01. Vingnanam - Journal of Science (1).

1.3 Books Review

04. Probability and Statistics with integrated software routine by Ronald Deep. Elsevier Science.
03. Basic Statistics: Introduction to Statistics Using MegaStat and Excel by J. B. Orris, McGraw-Hill.
02. Elementary Statistics: A step by step approach, 6th edition by Allan Bluman, McGraw-Hill.
01. Statistics, Ninth Edition by J. T. McClave and T. Sincich. Prentice Hall, New Jersey.

1.4 External Referees

03. Acting as the external reviewer for a candidate for promotion to Associate Professor in the Department of Epidemiology and Biostatistics at the McMaster University, Hamilton, Ontario, Canada. May 6, 2011.
02. Acting as the external reviewer for a candidate for tenure and promotion to Associate Professor in the School of Nursing at the McMaster University, Hamilton, Ontario, Canada.

01. External reviewer for a candidate for tenure and promotion to Associate Professor in Statistics at the Saint Mary's University, Halifax, Nova Scotia, Canada.

1.5 External Thesis Examiner

08. External Examiner of the Ph. D. thesis entitled "Generalized Exponential Models with Applications" by Iman Mabrouk, University of Western Ontario. November 17, 2011.

07. Discussant of a Ph. D. thesis entitled "Essays on Statistical Testing using Wavelet Methodologies" by Yushu Li at Linneaus University, Vaxjo, Sweden. May-June 2011.

06. External Examiner of the **M.Phil.** thesis entitled "Path analysis exploring shared contributions between small vessel changes and known cardiovascular risk factors to cardiovascular mortality risks" by M N Uddin, University of Melbourne, Australia. April 2011.

05. External Examiner of the **Ph.D. thesis** title on "Stochastic analysis of AIDS Epidemiology" by M. M. O. Labeodan, University of Pretoria, South Africa. June 2009.

04. External Examiner of the **Ph.D. thesis** title on "A study of multiple linear regression model in presence of multicollinearity" by M. I. Naif, Department of Statistics, University of Pune, India. July 2009.

03. External Assessor of the **Masters thesis** entitled "Application of the multinomial logit model in the transportation system" by Ms. Mr Makwela, School of Computational and Mathematical Sciences. University of Limpopo, Sovenga, South Africa. August 2007.

02. External Examiner of the **M.Phi. thesis** title on "Comparison of Student's t , John-son's t_1 , Chen's t_2 Statistics based on Burr XII positively skewed distribution" by Mr. Ijaz Hussain, National College of Business administration and Economic, Lahore, Pakistan, April-May 2005. The thesis is supervised by Professor Dr. Munir Ahmad.

01. External Examiner of the **Ph. D. thesis** title on "Predictive inference for certain life testing models" by Mr. Hafiz Khan, Department of Statistical and Actuarial Sciences, University of Western Ontario, London, Ontario, Canada. April-June, 2003. The thesis is supervised by Professor M. Safiul Haq.

2. University Service

2.1 Department, College and University

17. Graduate Committee, Department of Mathematics and Statistics, FIU, September 2011 to August 2012.
16. Steering Committee Department of Mathematics and Statistics, FIU, September 2011 to August 2012.
15. Member of Ph. D. thesis proposal committee. Department of Mathematics and Statistics.
14. Representative, division of Statistics of the Department of Mathematics and Statistics for the internship workshop. Since 2012.
13. Colloquium Committee. Division of Statistics, Department of Mathematics and Statistics, FIU, September 2011 to August 2012.
12. Member of the University Academic Conduct Review Board (UACRB) and the University Student Grievance Committee, 2010.
11. Election Committee, College of Arts and Sciences. Florida International University: Since August 2009 to August 2011.
10. Member of Merger Committee, Department of Mathematics and Statistics, Florida International University: Since September 2008 to date.
09. Member of Graduate Committee, Department of Statistics, Florida International University: Since September 2005 to date.
08. Member of the Dissertation Advisor Status committee. Since February 2008 to date.
07. Member of Equipment/Budget Committee, Department of Statistics, Florida International University: Since September 2005 to April 2010.
06. Member of Undergraduate Advisor Committee, Department of Statistics, Florida International University: From September 2004 to August 2005.
05. Chair: Student assessment committee, Department of Statistics, Florida International University: From April 2001 to December 2007.
04. Member: Student assessment committee, Department of Statistics, Florida International

University: From September 2000 to April 2001 and September 2008 to date.

03. Member: Student recruitment committee, Department of Statistics, Florida International University: From April 2001 to September 2004.

02. Web Master, Department of Statistics, Florida International University: From April 2001 to November 2004.

01. Course Coordinator: For Sta 2023 in Summer B, 2002.

2.2 Involvement with Ph. D. Thesis Supervision

02. Jointly (with Dr. Albert Gan) supervised (Co-Major) Elio R. Espino, a Ph. D. student in the Department of Civil and Environmental Engineering, Florida International University, Miami, USA. His thesis title is “Investigation of the causes of serious injury and fatal crashes: An analysis using econometric Models” (2005). Elio has been selected as the Outstanding Ph.D. Student for Spring 2005 by the College of Engineering, FIU.

01. Jointly (with Dr. Albert Gan) supervised (Co-Major) Javier S. Gonzalez, Ph. D. student in the Department of Civil and Environmental Engineering, Florida International University, Miami, USA. His thesis title is “Effects of roadway geometric features on run-off-road crashes on the Florida State highway system” (2004).

2.3 Involvement with M. Sc. Thesis Supervision

06. Antonio (Jointly with Dr. Gulati) on a thesis entitled “Sensitivity and Uncertainty Analysis for the Loss Cost in Hurricane Models.” Completed in Summer 2012.

05. Fan Yang (Jointly with Dr. Gulati) on a thesis entitled “Tail Risk Analysis and Extreme Quantile Estimation for Catastrophic Events”. Completed in Spring 2012.

04. Monika Gulhar thesis entitled “An empirical comparative study on some confidence intervals for estimating the population CV for health science”. Completed in Fall 2010.

03. Fei Tang thesis entitled “Statistical Methods in Assessing Relational Agreement: Inverse Regression Approach”. Completed in Fall 2009.

02. Almonte A. Cheryl’s thesis entitle “Small sample confidence intervals for the mean of a positively skewed distribution”. Completed in Summer 2008.

01. Gisela Muniz thesis entitle “Comparison of some ridge regression estimators under different conditions”. Completed in Summer 2008.

2.4 Involvement in Ph. D. Thesis Committee

05. Member of Ph. D. thesis committee (2010) of Ayman E. Elbermawy, Department of Civil and Environmental Engineering, Florida International University, Miami, USA. The thesis is supervising by Dr. Albert Gan.

04. Member of Ph. D. thesis committee (2010) of Djuradj Babic, Department of Computing and Information Sciences, Florida International University, Miami, USA. The thesis is supervising by Dr. Peter J. Clarke.

03. Member of Ph. D. thesis committee (2007) of Morales Jose Andre, Department of Computing and Information Sciences, Florida International University, Miami, USA. The thesis has been supervised by Professor Yi Deng and Dr. Peter J. Clarke.

02. Member of the Ph. D. thesis committee (2007) of Cassandra Quave title on “Change point problem”, Department of Biological Sciences, Florida International University, Miami, USA. The thesis has been supervised by Dr. Bradley Bennett.

01. Member of Ph.D. thesis committee (2005) of Yuanyuan Peng, Department of Economics, Florida International University, Miami, USA. The thesis has been completed under the supervision of Professor Peter Thompson.

2.5 Involvement in M. Sc. Thesis Committee

13. Member of the M. Sc. thesis committee (2012) of Xing Wang, Department of Mathematics & Statistics, FIU, Miami, USA. The thesis is supervising by Dr. Jie Mi.

12. Member of the M. Sc. thesis committee (2012) of Yipin Shi, Department of Mathematics & Statistics, FIU, Miami, USA. The thesis is supervising by Dr. Jie Mi.

11. Member of the M. Sc. thesis committee (2010) of Kosgallana Leelaratne, Department of Statistics, Florida International University, Miami, USA. The thesis is supervised by Dr. Dinesh Sharma and Dr. Z. Chen.

10. Member of the M. Sc. thesis committee (2010) of Mengying Lu, Department of Statistics, Florida International University, Miami, USA. The thesis is supervised by Dr. Jie Mi.

09. Member of the M. Sc. thesis committee (2008) of Sui Joo, Department of Statistics, Florida International University, Miami, USA. The thesis is supervised by Dr. Jie Mi.

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