CURRICULUM VITAE

CONTACT INFORMATION
Ram C. Tripathi
Professor
Department of Management Science and Statistics
Office: BB 4.05.14
Phone: (210) 458-5549
Email: Ram.Tripathi@utsa.edu
College of Business
The University of Texas at San Antonio
San Antonio, TX 78249

EDUCATIONAL BACKGROUND

1975
Ph.D., Statistics
University of Wisconsin, Madison
Supervising Professor Dr. John Gurland
Dissertation Title: Families of discrete distributions with probability generating functions involving hypergeometric functions

1971
M.S. Statistics
University of Wisconsin, Madison

1967
M.A. Statistics
Banaras Hindu University, Varanasi, India

1964
B.A. Mathematics & Statistics
Banaras Hindu University, Varanasi, India

RESEARCH INTERESTS Discrete models and their applications, Inflated models, Survival analysis, Epidemiology, Biostatistics, and Pharmacokinetics.

PROFESSIONAL EMPLOYMENT HISTORY

Academic

2010-Present
Research Professor
Institute for Cyber Security
College of Science
The University of Texas at San Antonio

2001– Present
Professor
Department of Management Science and Statistics
College of Business

	The University of Texas at San Antonio
1986–2001	Professor Division of Mathematics and Statistics College of Science The University of Texas at San Antonio
1980–1986	Associate Professor Division of Mathematics, Computer Science and Statistics College of Science The University of Texas at San Antonio
1975–1980	Assistant Professor Division of Mathematics, Computer Science and Systems Design College of Science The University of Texas at San Antonio
1971–1974	Teaching Assistant Department of Statistics University of Wisconsin, Madison.
1974-1975	Statistician The Institute for Environmental Studies University of Wisconsin, Madison
1968–1971	Research Assistant Department of Statistics University of Wisconsin, Madison.
1967–1968	Junior Research Fellow Department of Mathematics Indian Institute of Technology, Kanpur, India

Administrative appointments

2003	Interim Chair Department of Management Science and Statistics College of Business The University of Texas at San Antonio
1998-2000	Associate Division Director Division of Mathematics and Statistics College of Science The University of Texas at San Antonio

| 1988 | Acting Division Director
Division of Mathematics, Computer Science and Statistics
College of Science
The University of Texas at San Antonio |

Visiting appointments

| 1993–1995 | University Resident Research Associate
Population Research Branch
Epidemiologic Research Division
Armstrong Laboratory Brooks Air Force Base, Texas |
| 1985–1987 | University Resident Research Associate
USAF School of Aerospace Medicine
Brooks Air Force Base, Texas |

Consulting

1985-2002	Visiting Statistician (During most summers, and two 2-year visiting appointments during 1985-1987, 1993-1995) Air Force Health Study Brooks Air Force, Texas
1984-1985	Minerals Management Services
1976-1977	Southside Independent School District San Antonio, Texas
1974-1975	Statistician The Institute for Environmental Studies University of Wisconsin, Madison

AWARDS AND HONORS

Summer 2019 **UTSA FACULTY: THEN AND NOW, CELEBRATING 50 YEARS OF FACULTY EXCELLENCE:** I am included in the First Faculty Exhibit of UTSA as a part of the 50th Anniversary celebration of the University of Texas at San Antonio. The introduction of the exhibit states: "This exhibition recognizes the legacy of UTSA faculty, who are central to advancing the university's mission of teaching, research and service. Featured in the exhibit are early portraits of 78 of UTSA's pioneer tenured/tenure-track professors hired between 1972 and 1978. These individuals, who either completed their careers at UTSA or are still employed by the university, helped shape the curriculum, set academic standards, and significantly impacted the lives of many students throughout UTSA's 50-year history. We hope that this

exhibit elicits fond memories of professors who have made a positive impact on your life"

August 2019   Recognized by the American Statistical Association as a "Long Time Member" on the **50th anniversary** of my ASA membership

2016   Honored at a luncheon for **40 years** of service to the University of Texas at San Antonio

2015   Honored at a Luncheon organized by the Office of VP for Research to recognize the innovators of UTSA. I was presented with a plaque for the approval of the **Patent No. US 8868630 B1** (jointly with Dr. Rajendra Boppana, Department of Computer Science)

2012   Elected **Fellow** of the American Statistical Association.

2008   College of Business Advisory Council Patrick J. Clynes Service Award in Recognition of outstanding service to the College of Business at UTSA.

2005   Thirty Year Service Award, recognized by President Ricardo Romo at a Faculty Convocation for 30 years of service at the University of Texas at San Antonio.

2003   Nominated for the President's Distinguished Achievement Award in Service.

2002   College of Business Advisory Council Patrick J. Clynes Service Award in Recognition of outstanding service to the College of Business at UTSA.

2002   Nominated for the Colonel Jean Migliorino and Lieutenant Colonel Philip Piccione Faculty Awards for Research Excellence in the College of Business.

1967 – 1968   Junior Research Fellowship, Council of Scientific and Industrial Research, Government of India. This Fellowship is awarded to outstanding Ph. D. candidates at renowned institutions in India.

1961 – 1964   Merit scholarship, Banaras Hindu University, India for standing first in B.A. Part I

1959 – 1961   Uttar Pradesh Government Merit Scholarship in India. This scholarship is awarded by the State of Uttar Pradesh for outstanding performance in High School.

Summer 2004: **Two-day Conference Honoring my 60th Birthday in 2004: "A Lifetime of Service to Humanity—A Half Life of Statistics at UTSA".** This conference was organized by Drs. Nandini Kannan and Jerry Keating on the occasion of my 60th birthday to recognize my contributions to statistics in research, service and curriculum development at UTSA.. It included speakers from Canada, Scotland and USA.

PUBLICATIONS

REFEREED JOURNAL ARTICLES

Acronyms used IF: Impact factor, PE: Personal Effort

Methodology

1. Gurland, John and **Tripathi, Ram C.** (1971). A simple approximation for unbiased estimation of the standard deviation. *American Statistician*, **25**, pp. 30-32 (cited 96 times, IF:5.381, PE:75%).

2. Gurland, John and **Tripathi, Ram C.** (1975). Estimation of parameters in some extensions of the Katz family of discrete distributions involving hypergeometric functions. *A modern Course on Statistical Distributions in Scientific Work*, **1D**, Proceedings of the International Conference on Characterizations of Statistical Distributions, University of Calgary, Alberta. Reidel Publishing Company, Dordrecht- Holland, pp. 59-82 (cited 34 time, PE: 60%).

3. **Tripathi, Ram C.** and Gurland, John (1977). A general family of discrete distributions with hypergeometric probabilities. *Journal of the Royal Statistical Society B,* **39,** pp. 349-356 (cited 47 times, IF:3.278, PE:75%).

4. **Tripathi, Ram C.** and Gurland, John (1978). Tests of hypotheses in some families of discrete distributions. *Bulletin de la Societe de Greece, the official journal of the Greek Mathematical Society*, **19**, pp. 217-239 (cited 9 times, PE: 60%).

5. **Tripathi, Ram C.** and Gurland, John (1979). Some aspects of Kemp's families of distributions. *Communications in Statistics A,* **8**, pp. 855-869 (cited 22 times, IF:0.424, PE: 75%).

6. Michalek, Joel E. and **Tripathi, Ram C.** (1980). The effect of errors in diagnosis and errors in measurement on the estimation of the probability of an event. *Journal of the American Statistical Association*, **75**, pp. 713-721 (cited 41 times, IF: 3.412, PE: 50%).

7. Bhalerao, Narayan R., Gurland, John and **Tripathi, Ram C.** (1980). A method of increasing power of a test for the negative binomial and Neyman Type A distributions. *Journal of the American Statistical Association,* **75**, pp. 934-938 (cited 11 times, IF: 3.412, PE: 65%).

8. **Tripathi, Ram C.** (1983). Kemp families of distributions. *The Encyclopedia of Statistical Sciences*, **4**, edited by Norman Johnson and Samuel Kotz, John Wiley and Sons, pp. 360- 366 (cited 5 times, PE: 100%). Revised in 2014.

9. **Tripathi, Ram C.** (1985) Negative binomial distribution. *The Encyclopedia of Statistical Sciences*, **6(8),** edited by Norman Johnson and Samuel Kotz, John Wiley and Sons, pp. 169- 177 . (cited 19 times, PE:100%). Revised in 2014.

10. **Tripathi, Ram C.** (1985). Neyman's Type A, B and C distributions. *The Encyclopedia of Statistical Sciences*, **6,** edited by Norman Johnson and Samuel Kotz, John Wiley and Sons, pp. 238-246 (cited 4 times, PE: 100%) . Revised in 2014.

11. Gupta, Ramesh C. and **Tripathi, Ram C.** (1985). Modified Power Series distributions. *The Encyclopedia of Statistical Sciences*, **5(8),** edited by N. L. Johnson and Samuel Kotz, John Wiley and Sons, pp. 593-599 (cited 9 times, PE: 80%). Revised in 2014.

12. Keating, Jerome P. and **Tripathi, Ram C.** (1984). On comparison of variances of two normal populations. *Communications in Statistics A*, **13**, pp. 2691-2706(IF:0.424, PE: 40%).

13. **Tripathi, Ram C.** and Gupta, Ramesh C. (1984). Statistical inference regarding the generalized Poisson distribution. *Sankhya, Series B,* **46**, pp. 166-173 (cited 10 times, IF: 0.69, PE: 70%).

14. Keating, Jerome P. and **Tripathi, Ram C.** (1985). On percentile estimation. *The Encyclopedia of Statistical Sciences,* **6**, edited by N. L. Johnson and Samuel Kotz, , John Wiley and Sons, pp. 668-674 (cited 17 time, PE: 40%). Revised in 2014.

15. **Tripathi, Ram C.** and Gupta, Ramesh C. (1985). A generalization of the log-series distribution. *Communications in Statistics A,* **14,** pp. 1779-1799 (cited 32 times, IF: 0.424, PE: 85%).

16. **Tripathi, Ram C.**, Gurland, John and Bhalerao, Narayan R. (1986). A unified approach to estimating parameters in some generalized Poisson distributions. *Communications in Statistics* (Special issue on Discrete Distributions), *A,* **15,** pp. 1017-1034 (cited 14 times, IF:0.424, PE: 70%).

17. **Tripathi, Ram C.**, Gupta, Pushpa L. and Gupta, Ramesh C. (1986). Incomplete moments of Modified Power Series distributions with applications. *Communications in Statistics* (Special issue on Discrete Distributions), *A,* **15**, pp. 999-1015 (cited 5 time, IF: 0.424, PE:60%).

18. Gupta, Ramesh C., **Tripathi, Ram C.**, Michalek, Joel E. and White, Thomas (1986). An exact test for the mean of a normal distribution with a known coefficient of variation. *Computational Statistics and Data Analysis*, **3**, pp. 219-226 (cited 3 times, IF: 1.323, PE: 25%).

19. **Tripathi, Ram C.** and Gupta, Ramesh C. (1987). A comparison between the ordinary and the length-biased modified power series distributions. *Communications in Statistics A,* **16**, pp. 1195-1206 (cited 7 times, IF: 0.424, PE: 70%).

20. **Tripathi, Ram C.**, Gupta, Ramesh C. and White, Thomas E. (1987). Some generalizations of the geometric distribution with applications. *Sankhya B,* **49**, pp. 218-223 (cited 27 times, IF: 0.69, PE: 60%).

21. **Tripathi, Ram C.** and Gupta, Ramesh C. (1988). Another generalization of the logarithmic series and the geometric distributions. *Communications in Statistics A,* **17**, pp. 1541-1547 (cited 22 times, IF: 0.424, PE: 80%).

22. Michalek, Joel E., Mihalko, Dan and **Tripathi, Ram C.** (1989). Cautions on the reanalysis of epidemiologic databases, *Statistics in Medicine*, **8**, pp. 653-664 (rejoinder pp. 675-677), (cited 6 times, IF: 1.847, PE: 33%)

23. Tiwari, Ram C. and **Tripathi, Ram C.** (1989). Nonparametric Bayes estimation of the probability of discovering a new species. *Communications in Statistics A,* **18**, pp. 877-895 (cited 14 times, IF: 0.424, PE: 50%).

24. Gupta, P. L. and **Tripathi, Ram C.** (1990). Effect of length-biased sampling on the modeling error. *Communications in Statistics A,* **19**, pp. 1483-1491 (cited 11 times, IF: 0.424, PE: 50%).

25. Gupta, Ramesh C. and **Tripathi, Ram C.** (1992). Statistical inference based on the length-biased data for the Modified Power Series distributions. *Communications in Statistics A,* **21**, pp. 519-537 (cited 12 times, IF: 0.424, PE: 50%).

26. Tiwari, Ram C., **Tripathi, Ram C.** and Gupta, Ramesh C. (1992). Some weighted distributions of order K. *Communications in Statistics A,* **21**, pp. 411-422 (cited 5 times, IF: 0.424, PE: 35%).

27. **Tripathi, Ram C.,** Gupta, Ramesh C. and Pair, Robert K. (1993). Statistical tests involving several independent gamma distributions. *Annals of the Institute of Statistical Mathematics*, **45**, pp. 773-786 (cited 15 times, IF:0.772, PE: 70%).

28. **Tripathi, Ram C.,** Gupta, Ramesh C., and Gurland, John (1994). Estimation of parameters in the Beta Binomial model. *Annals of the Institute of Statistical Mathematics*, **46**, pp. 317-331 (cited 64 times, IF: 0.772, PE: 70%).

29. Shanmugam, R., Gupta, Ramesh, and **Tripathi, Ram C.** (1994). A goodness of fit test for left truncated Modified Power Series distributions. *Journal of Applied Statistical Scienc*e, **1**, pp. 179-193. (IF: .64, PE: 33%)

30. Gupta, Ramesh C. and **Tripathi, Ram C.** (1996). Bivariate weighted log-series distribution. *Communications in Statistics A,* **25**, pp. 1099-1118 (cited 1 time, IF: 0.424, PE: 60%).

31. Gupta, Pushpa L., Gupta, Ramesh C., and **Tripathi, Ram C.** (1995). Inflated Modified Power Series distributions with applications. *Communications in Statistics A,* **24**, pp. 2355-2374 (cited 57 times, IF: 0.424, PE: 50%).

32. Gupta, Pushpa L., Gupta, Ramesh C., and **Tripathi, Ram C.** (1996). Analysis of zero-adjusted count data. *Computational Statistics and Data Analysis*, **23**, pp. 207-218 (cited 141 times, IF: 1.323, PE: 50%).

33. Gupta, Pushpa L., Gupta, Ramesh C., and **Tripathi, Ram C.** (1997). On the monotonic properties of discrete failure rates. *Journal of Statistical Planning and Inference*, **65**, pp. 255-268 (cited 80 times, IF: 0.713, PE: 30%).

34. Michalek, Joel E, **Tripathi, Ram C.**, Kulkarni, Pandrang M., Gupta, Pushpa L., and Selvavel, Kandasamy (1998). Correction for bias introduced by truncation in pharmacokinetic studies of environmental contaminants. *Environmetrics*, **9**, pp. 165-174 (cited 11 times, IF: 1.351, PE: 20%).

35. Mehrotra, Kishan G., Kulkarni, Pandurang M., **Tripathi, Ram C.** and Michalek, Joel E. (2000). Maximum likelihood estimation for longitudinal data with truncated observations. *Statistics in Medicine,* **19**, pp. 2975-2988 (cited 6 time, IF: 1.847, PE: 25%).

36. Gupta, Pushpa L., Gupta, Ramesh C., and **Tripathi, Ram C.** (2004). Score test for zero inflated Generalized Poisson regression model. *Communications in Statistics A,* **33**, pp. 47-64 (cited 75 times, IF: 0.424, PE: 33%).

37. **Tripathi, Ram C**. and Gupta, Ramesh C. (2007). Modified Power series distributions. A revision of the article published in the Encyclopedia of Statistical Sciences by invitation, John Wiley. The original paper published in 1985 as item # 11 above. (PE: 90%).

38. Balakrishnan, N., **Tripathi, Ram C.** and Kannan, Nandini (2008). On the joint distribution of placement statistics under progressive censoring and applications to precedence test. *Journal of Statistical Planning and Inference,* **138,** pp. 1314-1324 (cited 14 times, IF: 0.713, PE: 40%)*.*

39. Kannan, Nandini, Kundu, Debasis, P. Nair and **Tripathi, Ram C.** (2010). The generalized exponential cure rate model with covariates. *Journal of Applied statistics*, **37**, pp. 1625-1636 (cited 31 times, IF: 0.767, PE: 25%).

40. Balakrishnan, N., **Tripathi, Ram C.,** Kannan, Nandini and Ng, H. K. T. (2010). Some non-parametric precedence-type tests based on progressively censored samples and evaluation of power. *Journal of Statistical Planning and Inference*, **140**, pp. 559-573 (cited 13 times, IF: 0.713, PE: 35%).

41. Ng, H. K. T., **Tripathi, Ram C**. and Balakrishnan, N. (2013). A two-stage Wilcoxon-type nonparametric test for stochastic ordering for two samples. *Journal of Nonparametric Statistics*, **25**, pp. 73-89 (cited 4 times, IF: 0.706, PE:%).

42. Ramdhani, S., **Tripathi, R. C.,** Keating, J. P., and Balakishnan, N. (2018). Underground storage tanks (UST): A closer investigation statistical implications to changing the shape of a UST. *Communications in Statistics, Simulation and Computation, 47, pp. 2612-2623(IF: 0.501, PE: 25%) (DOI:10.1080/03610918.2017.1353616)*).

43. Roy, Sudip, **Tripathi, Ram** and Balakrishnan, N. (2019). A Conway Maxwell Poisson Type Generalization of the Negative Hypergeometric Distribution, Accepted in the *Communications in Statistics, Theory and Methods* (2019). Printed online, awaiting printing in the Journal, (IF: 0.501, PE: 35%).

Applications

44. Michalek, Joel E., **Tripathi, Ram C**, Caudill, S.P. and Pirkle, J.P. (1992). An investigation of TCDD half-life heterogeneity. *Journal of Toxicology and Environmental Health*, **35**, pp. 31-40 (cited 46 times, IF: 6.436, PE: 30%).

45. Michalek, Joel E., Pirkle, James L., Caudill, Samuel P., **Tripathi, Ram C.**, Patterson Jr., Donald G., and Needham, Larry L. (1996). Pharmacokinetics of TCDD in veterans of Operation Ranch Hand 10 year follow-up. *Journal of Toxicology and Environmental Health*, **47**, pp. 209-220 (cited 182 times, IF: 6.436, PE: 30%).

46. Michalek, Joel E., **Tripathi, Ram C.**, Kulkarni, Pandurang M. and Pirkle, James, L. (1996). The reliability of the serum dioxin measurement in veterans of Operation Ranch Hand. *Journal of Exposure Analysis and Environmental Epidemiology*, **6**, pp. 327-338 (cited 18 times, IF: 2.927, PE: 30%).

47. Michalek, Joel E., Rahe, Alton J., Kulkarni, Pandurang M. and **Tripathi, Ram C.** (1998). Levels of 2,3,7,8-tetraclorodibenzo-p-Dioxin in 1,302 unexposed Air Force Vietnam-era Veterans. *Journal of Exposure Analysis and Environmental Epidemiology*, **8**, pp.59-64 (cited 20 times, IF: 2.927, PE: 20%).

48. Kulkarni, Pandurang M., **Tripathi, Ram C.**, and Michalek, Joel E. (1998). Maximum (Max) and Mid-P confidence intervals and p values for the standardized mortality and incidence ratios. *American Journal of Epidemiology*, **147**, pp. 83-86 (cited 16 times, IF: 4.473, PE: 33%).

49. Michalek, Joel E. and **Tripathi, Ram C.** (1999). Pharmacokinetics of TCDD in Veterans of operation Ranch Hand 15-Year follow-up. *Journal of Toxicology and Environmental Health*, **A57**, pp. 369-378 (cited 115 times, IF: 1.733, PE: 50%).

50. Michalek, Joel E., Pirkle, James L., Needham, Larry L., Patterson Jr., Donald G., Caudill, Samuel P., **Tripathi, Ram C.**, and Mocarelli, Paolo (2002). Pharmacokinetics of 2,3,7,8-tetrachlorodibenzo-p-dioxin in Seveso adults and veterans of Operation Ranch Hand. *Journal of Exposure Analysis and Environmental Epidemiology*, **1**, pp. 44-53 (cited 59 times, IF: 2.927, PE: 40%).

51. Michalek, Joel E., Ketchum, Norma S., and **Tripathi, Ram C.** (2003). Diabetes mellitus and 2,3,7,8-tetrachlorodibenzo-p-dioxin elimination in veterans of Operation Ranch Hand. *Journal of Toxicology and Environmental Health*, **66**, pp. 211-221 (cited 61 times, IF: 1.733, PE: 40%).

52. Shanmugam, R., **Tripathi, R. C.**, & Singh, K. (2017).). Road safety when drivers use alcohol and marijuana: confounded Poisson distribution helps to understand, *International Journal of Research in Nursing, 8*, pp 3-9 (PE: 50%).

Papers Under Revision:

1. Roy, Sudip, **Tripathi, Ram** and Balakrishnan, N. (2018). A COM-Type generalization of the hypergeometric distribution with some applications. Submitted to the *Journal of Statistical Theory and Practice*. (rejected, under revision for resubmission)

2. Ramdhani, S., **Tripathi, R. C.,** Keating, J. P., & Balakishnan, N. (2018). Underground storage tanks (ust): changing the error structure comparative analysis additive versus multiplicative structure, Submitted to the *Journal of Applied Statistics*.

3. Roy, Sudip, **Tripathi, Ram** and Balakrishnan, N. (2018). A modified negative binomial distribution with some characterizations and applications. The paper was submitted to the *Journal Statistical Simulation and Computation* (rejected, under revision for resubmission)

4. Roy, Sudip, **Tripathi, Ram** and Balakrishnan, N. (2019). A Closed form approximation of The moments of a new generalization of Negative Binomial distribution. Submitted to the *Communications in Statistics, Simulation* and *Computation.* (rejected, under revision for resubmission)

Under Preparation

1. A generalization of the negative binomial distribution.

2. Some generalizations of log-series distribution.

3. Underground storage tanks (UST): A closer investigation, statistical implications to changing the shape of a UST (with Satesh Ramdhani, Jerome Keating and N. Balakrishnan)

4. Some new bivariate discrete distributions with applications (with Timothy Opheim, PhD student).

Citations in Books and Monographs:

1. Item #1 appears in the text book "Biometry" by Robert Sokal and F. J. James Rohlf, second ed., F. W. Freeman and Company (1981). A table from this paper appears in the Statistical Tables by F. J. Rohlf and Robert Sokal, second edition, an accompaniment to the above text. This paper is also referenced in "Business Statistics: Basic Concepts and Methods" by Wayne Daniels, second ed., Houghton Mifflin (1979).

2. Items 2, 3, 5, 7, 11, 15, 16, 17, and 21 have been cited with discussions in the research monograph *Univariate Discrete Distributions*, second edition by Norman L. Johnson, Samuel Kotz and Adrienne W. Kemp, John Wiley (1992).

3. Items 2, 3, 5, 7, 8, 11, 15, 16, 17, 19, 20, 21, 25, 26, 28, 31, 32, and 33 have been cited with discussions in the research monograph *Univariate Discrete Distributions*, third edition by Norman L. Johnson, Adrienne W. Kemp, and Samuel Kotz, John Wiley (2005).

4. Items 2 and 33 have been cited in the book *Stochastic Ageing and Dependence for Reliability* by Chi-Dew Lai and Min Xie, Springer Verlag (2006).

5. Items 3, 11, 15, 17, 21, 25, 31,and 32 have been cited in the research monograph *Lagrangian Probability Distributions* by P. C. Consul and F. Famoye, Birkhauser, Boston (2005).

TECHNICAL REPORTS

1. Starr, Thomas B. and **Tripathi, Ram C.** (1975). The response of United States spring wheat yields to variations in Climate and World Food Systems VI A detailed Model of the Production and Consumption of Spring Wheat in the United States, Institute for Environmental Studies, University of Wisconsin, Madison, IES Report 49, p. 18 (submitted to NSF, GI-29731).

2. **Tripathi, Ram C.** and Gurland, John (1977). Estimation of parameters in the Binomial Beta distribution, University of Wisconsin, Madison, Technical Report #460.

3. Sagik, B.P., Funderburg, S.W., Moore, B.E., **Tripathi, Ram C**., Sorber, C.A (1978). The Survival of Human Enteric Viruses in Holding Ponds. Submitted to U.S. Army Medical Research and Development Command (report #78-1).

4. **Tripathi, Ram C.** and Gurland, John (1979). Some discrete distributions whose probabilities satisfy a second order relation. Technical Report #516, Department of Statistics, University of Wisconsin, Madison.

5. Mehrotra, K. G., Michalek, J. E. and **Tripathi, Ram** C. (1985). Some chi-square goodness of fit tests for linear discrimination. Published as a government technical report.

6. Keating, Jerome P. and **Tripathi, Ram C.** (1985). A study of bidding behavior under the three bid rule. A report submitted to the Minerals Management Services.

7. Gupta, R. C., **Tripathi, Ram** C., Michalek, J. E. and White, T. E. (1986). A Fortran program to compute the critical value and power for an exact test for the mean of a normal distribution with a known coefficient of variation. USAF School of Aerospace Medicine, Brook AFB, USAFSAM-TR- 85-89.

INVITED TALKS

1. "Percentile estimation", Joint annual meeting of the American Statistical Association and the Biometric Society, Philadelphia, 1984.

2. "Weighted Modified Power Series Distributions", Advanced Research Conference on Weighted Distributions and Related Weighted Methods for Statistical Analysis and Interpretation of Encountered Data, Observational Studies, Representativeness Issues and Resulting Inferences, Pennsylvania State University, 1985.

3. "Some generalizations of log-series and related distributions", Department of Mathematics, University of North Carolina, Charlotte, 1987.

4. "Analysis of long- and extra-long tailed count data by log-series models", Indian Science Congress, Jaipur, India, 1994.

5. "Estimation of parameters in the Beta Binomial Model", Third International Conference on Lattice Path Combinatorics and Applications, University of Delhi, 1994.

6. "Regression to the mean in Half-Life studies", Department of Mathematics and Statistics, University of Maine, 1996.

7. "Regression analysis of zero adjusted count data". Fourth International Conference on Statistical Inference, Combinatorics, and Related Areas, Banaras Hindu University, Varanasi, India, 1997.

8. "Modeling intervention for over and under dispersed data", Fifth International Conference on Statistical Inference, Combinatorics, and Related Areas, Mysore University, Mysore, India, 1998.

9. "Modeling intervention when pre and post counts are correlated" Sixth International Conference on Statistical Inference, Combinatorics, and Related Areas held at the University of South Alabama, Mobile, 1999.

10. "Score test for zero adjusted generalized Poisson regression model", Tenth International Conference on Statistical Inference, Combinatorics and Related Areas, The University of Southern Maine, Portland, Maine, 2003.

11. "Estimation for longitudinal data with truncated observations: An application in pharmacokinetic studies of environmental contaminants", Conference of Texas Statisticians, Texas A & M University, College Station, 2003.

12. "Weighted Least-Squares and Maximum Likelihood Estimation for Longitudinal Data with Truncated Observations An Application in Pharmacokinetic Studies of Environmental Contaminants" Department of Mathematics and Statistics, University of Maine, Orono, 2004.

13. "Logarithmic Series Distribution", Discrete Distributions, organized by Professor N. Balakrishnan, Bowling Green State University, Bowling Green, Ohio, 2005.

14. "A generalization of the negative binomial distribution based on Stacy's Gamma" presented at the International Conference on Statistics in the Technological Age, University of Malay, Kuala Lumpur, Malaysia , 2005.

15. "Some non-parametric precedence-type tests based on progressively censored samples and evaluation of power" presented at the conference organized by the International Indian Statistical Association at Raleigh, NC during April 2011.

16. "A new generalized negative binomial distribution based on Stacy's gamma and an overview of other generalizations of negative binomial distribution", presented at the International Conference on Statistical Distributions and Applications, Central Michigan University, Mount Pleasant Michigan. (October 12, 2013) **(Keynote speaker).**

17. "Some Generalized Log-Series Distributions and Their Applications in Modelling Life-time of a Series System with Random Number of Components", presented at the conference Ordered Data Analysis, Models, and Health Research Methods organized in honor of 60th Birthday of Professor H. Nagaraja at The University of Texas at Dallas, Richardson, Texas. (March 7, 2014).

RECENT CONTRIBUTED TALKS

I have presented many contributed talks at the Joint Annual Meetings of the American Statistical Association, Regional Meetings of the Biometric Society and the Institute of Mathematical Statistics, and the Conference of Texas Statisticians.

1. Tripathi, R. C. (Presenter), & Gupta, R. C. (Author), "Review of generalized log-series distributions and some recent results with applications presented at "International Conference on Advances in Interdisciplinary Statistics and Combinatorics" held at the University of North Carolina at Greensboro (October 2016)

2. Tripathi, R. C. (Presenter), & Gupta, R. C. (Author), "An overview of generalizations of the negative binomial distribution with some recent results and applications" presented at "Ordered data and their applications in survival analysis: An international conference in honor of Dr. N. Balakrishnan for his 60th birthday held at McMaster University, Hamilton, Ontario, Canada (August 2016).

3. Tripathi, R. C. (Presenter), & Gupta, R. C. (Author), "An Application with the sample size having a generalized log-series distribution". Presented at the Joint Statistical Meetings, American Statistical Association, Seattle, Washington. (August 2015).

4. Roy, S. (Author & Presenter), & Tripathi, R. C. (Author), "An alternative probability model useful in industrial quality control when sampling without replacement from a finite population". Presented at the Joint Statistical Meetings, American Statistical Association, Seattle, Washington. (August 2015).

5. Tripathi, R. C. and Keating, Jerome P. (2013). "Likelihood ratio tests in two gamma populations for equality of shape parameters". Presented at the Joint Statistical Meetings, American Statistical Association, Montreal, August 2013.

6. Tripathi, R. C., Gupta, R. C. "A zero-modified generalized negative binomial distribution based on Stacy's generalized gamma". Presented at the Joint Statistical Meetings, American Statistical Association, San Diego, California. (July 28, 2012).

7. Ram C. Tripathi and Ramesh C. Gupta (2010). "A life-time model with random number of components in a series system". Presented at the Joint Annual Meeting of the American Statistical Association, Vancouver, Canada, August 2010.

8. Michael T. Anderson and Ram C. Tripathi (2010). A Weighted logarithmic Distribution: Stretching the Long Tail. Presented at the Joint Annual Meeting of the American Statistical Association held in Vancouver, Canada during August 2010.

9. Tripathi, Ram C. and Gupta, Ramesh C. (2011). Some generalizations of log-series distributions with applications. Joint Statistical Meeting, American Statistical Association, Miami, Florida, August. 2011.

GRANTS AND CONTRACTS

Grants Funded

1976-1977	Co-investigator on a contract entitled "Statistical analysis of the evaluation design for the Southside Bilingual Education project".
1984-1985	Co-investigator on a contract awarded by the Minerals Management Services to study US Oil and Gas lease data for identifying bidding pairs which bid coincidentally too frequently.
1985-1987	University Resident Research Associate, a two-year grant supported by the Air Force Office of Scientific Research (AFOSR). The work was performed at Brooks Air Force Base on problems in Survival Analysis and Biostatistics related to the Air Force Health Study. (Support: Two year's salary and travel).
Summer 1989	Summer Faculty Research Fellowship, a grant sponsored by the AFOSR. The work was done at Brooks Air Force Base on problems related to the Air Force Health Study. (Support: Summer salary and travel).
Summer 1990	Research Initiation Program Grant supported by the AFOSR. The work was done at Brooks Air Force Base and involved estimation of half-life of dioxin in humans based on two or more measurements per subject. (Support: Summer salary and travel).

Summer 1991	Summer Faculty Research Fellow, a grant sponsored by the Research Development Laboratory. The work was related to the Air Force health Study and was performed at Brooks Air Force Base. It involved an investigation of the checkmark pattern and effects of measurement error and collinearity in covariates. (Support: Summer salary and travel).
Summer 1992	Research Initiation Program Grant, sponsored by the AFOSR. The work was done at Brooks Air Force Base and involved predicting checkmark patterns in the Air Force Health Study. (Amount: **$20,000**).
1993-1995	University Resident Research Associate Program supported by AFOSR The work was done at the Brooks Air Force Base and was on generalized does-response modeling in the Air Force Health Study. (Amount: **$93,361**).
1995- 1997	A Grant supported by Brooks Air Force Base. The work involved investigation of regression to the mean in half-life studies. (Amount: **$146,276**).
Summer 1998	Summer Faculty Research Fellowship, a grant supported by the Research and Development Laboratories. The work was performed at Brooks Air Force Base and involved investigation of the effect of repeated measurements on the variance of the estimate of half-life of dioxin in the Air Force Health Study. (Amount: **$12,000**)
Summer 1999	A contract with Brooks Air Force Base to investigate adjusted relative risk in cohort studies, and unbiased estimation in longitudinal studies with samples subject to censoring and truncation. (Amount: **$24,824**)
Summer 2000	A contract with Brooks Air Force Base to provide statistical support for the Air Force Health Study. (Amount: **$27,150**)
Summer 2001	A contract with Brooks Air Force Base for comparing two estimators of relative risk in matched cohort studies. (Amount: **$27,750**)
Summer 2002	A contract with Brooks Air Force Base to conduct a simulation study of the behavior of the Mantel-Haenszel estimator of relative risk for matched-pair data. (Amount: **$32,248**).

2006-2010	Summer Research Grants from the College of Business in the amount of $5000 during each Summer to support research.
Spring 2010	Career Day in Statistics, a grant from the American Statistical Association (Amount: **$500**).
2010-2011	Co-PI on a Grant from the US Department of Army, STTR Program, A10A-012-0292 Random Number Generation for High Performance Computing, Amount: **$59,998** (with Rajendra Boppana as PI and Ravi Sandhu as Co-PI). (Subcontract through Silicon Informatics; Total Budget: **$100,000**).
Summer 2012	Summer Research Grants from the College of Business in the amount of **$5000** to support research (jointly submitted with Dr. Jerome Keating).\
2012-2014	Boppana, R. V. (Principal), Tripathi, R. C. (Co-Principal), Sandhu, R. (Co-Principal), "STTR Phase II: Random number generation for high performance computing", Sponsored by Army Research Office Silicon Informatics (prime), Private, **$333,996.00** (Dec. 20, 2012-Dec 19, 2014).

Other Grant Activities

2000	Submitted a grant entitled '"San Antonio Center to Reduce Oral Health Disparities" jointly with the UT Dental School and an RO1 proposal entitled "Saliva and Oral Disease in underserved Mother-child Pairs". These were submitted to NIDCR (not funded).
2005	Co-Investigator on a grant entitled "Hispanic Community Health Study" submitted jointly with the University of Texas Health Science Center at San Antonio to the National Heart, Blood and Lung Institute (not funded).
2006	Faculty mentor and advisor on a grant "University Mathematics and Biology Scholar" jointly with the Departments of Biology, Mathematics and Management Science and Statistics. University of Texas at San Antonio funded by the National Science Foundation (not funded). (Amount **$904,000**).
2010	CO-PI of a proposal entitled QUEST: Quality Undergraduate Education in Statistics submitted to the national Science Foundation (not funded).
2012	Alarid, L. F. (Principal), Tapia, M. A. (Co-principal), Tripathi, R. C. (Supporting), "Recidivism outcomes of youths in Justice-based mentoring programs". Sponsored by Office of Juvenile Justice and Delinquency Prevention (not funded).

INTELLECTUAL PROPERTIES

Patent
Boppana, Rajendra V. and **Tripathi, Ram C.** (2014). Verification of pseudo random number streams**. Patent No. US 8868630 B1**. (Patent accepted on Oct. 21, 2014) (cited 3 times, PE: 40%).

TEACHING ACTIVITIES DURING 2013-2019:

Fall 2013-Summer 2014:
Fall	STA 6853	Categorical data analysis (Graduate)
	STA 6253	Time series analysis and applications (Graduate)
Spring	STA 5103	Applied statistics (Graduate)
	STA 6713	Linear model (Graduate)
Summer	STA 5413/ STA6973	Nonparametric statistics (Graduate)

Fall 2014-Summer 2015:
Fall	STA 5903	Survival analysis (Graduate)
Spring	STA 6853	Categorical data analysis (Graduate)
	STA 6713	Linear models (Graduate)
Summer	STA 5313/ STA 6973	Theory of Sample Surveys with Applications (Graduate)

Fall 2015-Summer 2016:
Fall	STA 6413	Nonparametric statistics (Graduate)
	STA 6253	Time series analysis and applications (Graduate)
Spring	STA 5093	Introduction to statistical inference (Graduate)
	STA 6253	Time series analysis and applications (Graduate)

Fall 2016-Summer 2017:
Fall	STA 6253	Time series analysis and applications (Graduate)

	Spring	STA 5103	Applied statistics (Graduate)
		STA 6713	Linear models (Graduate)
	Summer	STA 6853	Categorical data analysis (Graduate)

Fall 2017-Summer 2018:

| Fall | STA 6903 | Survival analysis (Graduate) |
| | STA 4903 | Applied survival analysis (Undergraduate) |

Spring   STA 6713   Linear models (Graduate)

Summer   STA 6413   Nonparametric statistics (Graduate)

Fall 2018-Summer 2019:

Fall   STA 6253   Time series analysis and applications (Graduate)

Spring   STA 6713   Linear models

Summer   STA 5313/   Theory of sample surveys and applications (Graduate)
         STA 6973

STUDENTS MENTORED

Master's theses supervised:

1. Robert K. Pair (1984). "Statistical Tests involving several independent gamma distributions".

2. Shelly E. Eberly (1991). "Inference from Length-Biased Sampling".

3. Fatema Z. Akthar (1993). "Parametric inference based on Length-Biased Samples"

4. Yvonne Muirehead (2004). "Effects of multiple imputation on adverse health events associated with pregnancy and birth in Active Duty Air Force Women.

Ph. D. Theses Supervised:

1. Satesh Ramdhani. " (2015). Some Contributions to Underground Storage Tank Calibration Models, Leak Detection and Shape Deformation (Co-Advisor with Dr. Jerome Keating)

2. Sudip Roy (2016). "COM-type Generalizations of Hypergeometric, Negative Hypergeometric and Negative Binomial Distributions".

Ph. D. COMMITTEES SERVED

1. Member of the Ph. D. Committee of Honglian Zhang (2010)
2. Member of the Ph. D. Committee of Joleen Beltrami (2010)
3. Member of the Ph. D. Committee of Xiaobin Yang (2011)
4. Member of the Ph. D. Committee of Yi Cao (2012)
5. Member of the Ph. D. Committee of Bin Chen (2012)
6. Member of the Ph. D. Committee of Chao Shi (2013)
7. Member of the Ph. D. Committee of Samuel Tumlinson (2014)
8. Member of the Ph.D. Committee of Andrea Nealy, Department of Management (2014-2016)
9. Member of the PhD Committee of Zifei Han (2017)
10. Member of the PhD Committee of Nan Li (2017)
11. Member of the PhD Committee of Zhiuro Liu (2018)
12. Member of the PhD Committee of Yu Tao (2018)
13. Member of the PhD Committee of Yuanhan Li (2019)

PROFESSIONAL MEMBERSHIP

American Statistical Association
International Indian Statistical Association

SERVICE ACTIVITIES DURING 2013-2019:

Department of Management Science and Statistics Service:

2013-2019	Graduate Advisor of record, MS in Applied Statistics
2016-2019	Graduate Advisor of Record, PhD in Applied Statistics
2013-2019	Chair, Admissions Committee for MS in Applied Statistics (MSAPS)/Statistics and Data Science (MSSDS)
2013-2019	Chair, MSAPS/MSSDS Comprehensive Examination Committee
2013-2015	Member, Admissions Committee, PhD in Applied Statistics
2016-2019	Chair, Admissions Committee, PhD in Applied Statistics
2013-2015	Member, Qualifying Examination Committee, PhD in Applied Statistics
2016-2019	Chair, Qualifying Examination Committee, PhD in Applied Statistics
2013-2019	Member, Curriculum and Program Review Committee, PhD in Applied Statistics
2013-2019	Member, Curriculum and Program Review Committee, MS in Applied Statistics
2013	Chair, Coordinating Committee
2014-2019	Member, Coordinating Committee
2013	Chair, Search Committee

2013-2019	Member, Faculty Review Advisory Committee
2016	Chair, CPE Subcommittee of the Faculty Review Advisory Committee
2013-2017	Member, Faculty Advisory Committee

College Service (COB):

2017-2019	Member, PhD Committee

University Service (UTSA):

2013	Member, Teaching Evaluations Committee
2013-2019	Member, Graduate Council
2013-2019	Member of the Membership Committee of the Graduate Council

Service to the University of Texas Health Science Center at San Antonio:

2013-2016	Member, Committee of Graduate Studies for PhD in Translational Science

This Committee reviews the admission files of the PhD in Translational Science applicants, approves Programs of Study and course transfer requests for students. This Committee also approves the MOU's with various participating schools (UTHSC, UTSA, UT Austin School of Pharmacy, UT School of Public Health). I also graded the qualifying exam papers of students in statistics related areas.

PROFESSIONAL SERVICE

Editorial Service

1. **Guest Co-Editor** of a Special Volume of the *Communications in Statistics, Theory and Methods*, Vol 44, N0. 19 (2015). I co-edited this volume in honor of Dr. Ramesh C. Gupta, Professor of Statistics, University of Maine.
2. **Associate Editor**, *Communication in Statistics*, *Theory and Methods*, 2006-present.
3. **Associate Editor**, *Communication in Statistics*, *Computation and Simulation*, 2006-present.
4. **Associate Editor**, *Communication in Statistics*, *Case Studies, Data Analysis and Applications,* 2015-present.

Review Services

1. **Reviewer** of grant proposals for the **National Science Foundation (NSF),** and the **Natural Sciences and Engineering Research Council (NSERC) Canada.**
2. **Reviewer of prebublication draft of an extremely theoretical 645 page book "The Art of Censoring" by N. Balakrishnan and E. Kramer for Birkhauser Publishing Company, published in 2014.**

Referee to Scholarly Journals

- Journal of Applied Statistics
- Communications in Statistics
- Journal of Statistical Planning and Inference
- Journal of Statistical Theory and Practice

Service to the American Statistical Association

2010-2012   Member of the Committee on Law and Justice Statistics.
As a member of this Committee, I reviewed proposals submitted for funding and participated in conference calls to discuss all the proposals submitted.

2010   Nominated as a candidate for Vice President of District 6 of the American Statistical Association.

JSM2010 &
JSM 2011   Served **as a judge in the two sessions: Stat Bowl I and Stat Bowl II at the JSM 2010 and 2011**, an event organized jointly by the Department of Management Science and Statistics, University of Texas at San Antonio and the American Statistical Association.

Attended the meeting of the COC representatives as a proxy for Dr. Robert Mason, the outgoing representative of the San Antonio Chapter during JSM 2010

Volunteered to **man the ASA booth in Vancouver during the JSM 2010**.

2011-2013   Elected as the COC representative of the San Antonio Chapter to the American Statistical Association. Attended the COC meetings at the JSM during 2011-2013.

Regional Service

2000   Member of the Local Arrangements Committee for the **International Conference "Statistics Reflections on the Past and Visions for the Future"** held in honor of Professor C. R. Rao at the University of Texas at San Antonio, Texas.

1991   Member of the Local Arrangements Committee for the **Conference on Pitman Nearness** held at the University of Texas at San Antonio.

1988   Member of the Local Arrangements Committee for the **ASA Winter Conference** held in San Antonio.

1981   Assistant Secretary for organizing the **Joint Regional Meeting of the Institute of Mathematical Statistics and the Biometric Society**.
Served as the **Chair of the Operations Committee** for this Conference.

International Service:

2014   Served as an External Examiner of a PhD thesis from the University of Delhi, "Contributions to Estimation Procedures for Some Exponentiated Distributions" by Anupam Pathak under the supervision of Dr. Ajit Chatuervedi.

Service to the San Antonio Chapter of the American Statistical Association

2011-2013   Elected as the COC representative of the San Antonio Chapter to the American Statistical Association.

2009-2010   **President,** San Antonio Chapter of the American Statistical Association.

2008-2009   **Vice President,** San Antonio Chapter of the American Statistical Association.

2000-2001   **President,** San Antonio Chapter of the American Statistical Association.

1999-2000   **Vice President,** San Antonio Chapter of the American Statistical Association.

1977-1981   Member of an Exploratory Committee to establish ASA Chapter in San Antonio. The Chapter was formally established during 1980-1981.

San Antonio ASA Chapter Committees and Activities

During my term as the President of the San Antonio Chapter during 2009-2010, I organized many activities including lectures and outreach activities. In particular, we had a very successful visit by Dr. Sastry Pantula, President of the ASA, who presented a talk at the Chapter meeting. As a part of his visit, Dr. Pantula met with the Dean of the College of Business, the Chair and the faculty members of the Department of Management Science and Statistics. He also met with the graduate student. These meetings were very fruitful for the statistics program at the University of Texas at San Antonio.

During the two terms as the Vice President of the San Antonio ASA Chapter, I was the Chair of the Don Owen Award Committee. As the Chair of the Committee, I was responsible for appointing other members of the Committee and coordinating the review process including the presentation of the Award. I also served as the member of the Don Owen Award Committee on numerous occasions. The committee selects the winner of the Don Owen Award from among the candidates nominated by various ASA Chapters. This is an annual Award in Memory of Professor Don Owen given jointly by the San Antonio Chapter and the Taylor & Francis Publishing Company.

During 2001, I served on the organizing Committee of the **Conference of Texas Statisticians,** an annual meeting of ASA Chapters in Texas. I organized and chaired a session at this Conference.

Career Day in Statistics

1. I also organized Career Day in Statistics during Spring 2010. This was a day-long event organized for over 100 local high school students. This included lectures by statisticians from the San Antonio area to promote statistics as a career-building discipline. It also included hands-on activities for the students. The event was supported by grants and contributions totaling $1200 ($500 from the ASA, $500 from the Vice President of Community Relations, UTSA, and $200 from the TRiO Programs at UTSA)

2. I was member of a Committee with Dr. David Han to organize Career day in Statistics at UTSA during 2016.

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Gear Up

In the Fall 2010, I organized lectures and hands-on statistical activities for some area high school students who are part of a program called **Gear Up.** This event was part of a day- long activity held at the University of Texas at San Antonio.

I served as a Judge at the San Antonio Area Science Fair to evaluate projects with statistical contents on numerous occasions..

Conference Activity

2016	Organized **two** sessions and chaired one session at a conference "Ordered data and their applications in survival analysis: An international conference in honor of **Dr. N. Balakrishnan** for his 60th birthday held at McMaster University, Hamilton, Ontario, Canada.
2016	Chaired a session at "International Conference on Advances in Interdisciplinary Statistics and Combinatorics" held at the University of North Carolina at Greensboro,
2005	Organized and Chaired a session entitled "Recent Developments in the Analysis of Count Data" at the International Conference held at the University of Malaya, Kuala Lumpur, Malaysia.
2003	Chaired a session at the International Conference on Statistics, Combinatorics, and Related Areas held at the University of Southern Maine, Portland, Maine

2001	Member of the Organizing Committee of the Conference of Texas Statisticians hosted by the San Antonio Chapter of the American Statistical Association. I also organized and Chaired a session at this conference.
1999	Chaired a session at the International Conference on Statistics, Combinatorics, and Related Areas held at the University of South Alabama.
1997	Organized and Chaired a session entitle "Recent Advances on Discrete Distributions" at the International Conference on Statistics, Combinatorics, and Related Areas held at Banaras Hindu University, Varanasi, India.

TEACHING AND PROGRAM DEVELOPMENT (1975-2019)

Graduate Courses Taught:

Statistical Methods I (for Biology majors), Statistical Methods II (for Biology majors), Introduction to Statistical Inference, Applied Statistics, Applied Time Series Analysis, Theory of Sample Surveys, Nonparametric Statistics, Design and Analysis of Experiments, Mathematical Statistics I, Mathematical Statistics II, Process Control and Acceptance Sampling, Applied Multivariate Analysis, Analysis of Categorical Data, Survival Analysis, Linear Models, Regression Analysis, Multivariate Statistical Analysis (Business Ph. D. program), Applied Linear Models and Analysis of Variance (Business Ph. D. program).

Undergraduate Courses Taught:

Basic Statistics, Statistics for Business and Economics, Statistical Methods for the Life and Social Sciences, Applied Probability and Statistics for Engineers, Multivariate Analysis for the Life and Social Sciences, Introduction to Sample Survey Theory and Methods, Applied Nonparametric Statistics, Probability and Statistics, Statistical Methods, Probability and Random Processes, Statistics and Experimental Design for Computer Science, Discrete Data Analysis, Introduction to Data Analysis with Statistical software, Introduction to Stochastic Processes, Applied Regression Analysis, Design and Analysis of Experiments, Survival Analysis, and Reliability Theory, Applied Time Series Analysis.

Teaching at The University of Texas Health Science Center at San Antonio:

I taught lectures on Probability and Distributions and Repeated Measures Designs for students in the Master of Science in Clinical Investigation program.

CURRICULUM DEVELOPMENT:

- Designed program of study, developed new doctoral courses in Categorical Data Analysis, Multivariate Analysis, and Linear Models for the new Ph. D. program in Applied Statistics (2004-2006).

- Participated in major revisions of curriculum for the stand-alone Master of Science degree in Statistics (2000-2001).

- Participated in developing stand-alone BS and MS in Applied Statistics, Bachelor of Business Administration degree in Actuarial Science, introduced minors in Applied Statistics and Actuarial Science (2000-2006).

During 1975-1980, I was the only Statistician in the Division of Mathematics, Computer Science and Systems Design, UTSA. The program was in its infancy. Upon my arrival at UTSA in 1975, I was given the responsibility for building the Statistics program. As a fresh graduate from the University of Wisconsin, Madison, I took on the challenge with enthusiasm.

With very limited resources available, I took on the challenge of building a program in Statistics and developing a modern curriculum at both the graduate and undergraduate levels. I was responsible for updating and revising the Graduate and Undergraduate catalogs. Even with the addition of new faculty members, I continued to serve as the Coordinator and Advisor for the Statistics program during my 40 years of service at UTSA.

New Graduate Courses Developed During 1975-2010:

- Applied Time Series Analysis
- Statistical consulting
- Master's Thesis
- Theory of Sample Surveys
- Bayesian Statistics
- Multivariate Statistics I
- Multivariate Statistics II
- Analysis of Categorical Data
- Theory of Reliability and Life Testing
- Special Topics in Statistics
- Survival Analysis
- Design and Analysis of Experiments

New Undergraduate Courses Developed During 1975-2010:

- Basic Statistics
- Basic Statistics for Business and Economics
- Statistical Methods for the Life and Social Sciences
- Discrete Data Analysis and Bioassay
- Statistical Design and Model Building
- Applied Regression Analysis
- Design and Analysis of Experiments
- Introduction to Sample Survey Theory and Methods
- Discrete Data Analysis

COMMUNITY SERVICE

Outreach Activity

I am actively involved in recruiting students for the Statistics program from Area High Schools and the Junior Colleges. I participate regularly in organizing Career Days for San Antonio Area High School students to develop awareness regarding Statistics. I also present talks at these events. I organized Career Day in Statistics during Spring 2010 and a similar program during Fall 2010 under the Gear Up program at UTSA (Please see activities under the Chapter Service).

Other Community Service

1987-1993 and
2005- 2007   Treasurer of Hindu Temple of San Antonio.

1985-2016   Member, Board of Trustees of the Hindu Temple of San Antonio.

1997-1998   Chairman of the Board of Trustees of the Hindu Temple of San
                   Antonio.

1995-1996   Vice Chairman of the Board of Trustees of the Hindu Temple of
                   San Antonio.

1987-1993   Treasurer of the Hindu Temple of San Antonio for six years.

2004-2005   Chair, Library Committee, Hindu Temple of San Antonio

2013-2016   Chair, Library Committee, Hindu Temple of San Antonio