



# Mathematical Sciences

The University of Texas at El Paso



Fall 2016

# Colloquium Series

Friday, November 11, 2016 at 3pm in Bell Hall 143

# Dr. Tonghui Wang

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## Skew normal family, its applications, and research topics

In this talk, the following topics will be included: (i) The background, motivation, and definition of the skew normal family are discussed; (ii) Its extensions to multivariate skew normal and multivariate closed skew normal families are investigated; (iii) The skew chi-square distribution and closed skew chi-square distribution are introduced; (iv) Applications and examples are given for illustration of main results; (v) Some open problems are addressed.



For further information, please contact Drs. Emil Schwab or Xiaogang Su, [eschwab@utep.edu](mailto:eschwab@utep.edu) or [xsu@utep.edu](mailto:xsu@utep.edu)

