1085-33-131 Roger W. Barnard* (roger.w.barnard@ttu.edu), Dept. Math & Stat, Texas Tech University, Lubbock, TX 79409. Applications of Special Functions to Disparate Fields.

In this talk we discuss several of our recent applications of Special Functions to disparate fields including Number Theory, Abstract Algebra, Probability and Asymptotic Statistics. (Received September 06, 2012)