

**Khyam Paneru, Ph.D.**  
Department of Mathematics  
University of Tampa, Tampa, FL

## **RESEARCH AND SCHOLARLY ACTIVITY:**

- Nepal, K.M., **Paneru, K.**, & Basyal, D. (2020) Minor Treatment but Sizeable Impact: A Study on Calculus Students' Usage of Web-based Homework, College Student Journal, 54(1), 43-56.
- Samaranyake, G., Premadasa, P., Amarasinghe R., & **Paneru, K.** (2018) Teacher change through Lesson Study collaboration International Journal for Lesson and Learning Studies, 7(4), 263-276.
- **Paneru, K.**, Padgett, R. N., & Chen, H. (2018): Estimation of Zero-Inflated Population Mean: A Bootstrapping Approach, Journal of Modern Applied Statistical Methods, 7 (1)
- Mishra, S., Degtereva, E., **Paneru, K.** (2017): Role of Foreign Direct Investment by Multinational Companies in Economic Growth of Nepal, Journal of Economics and Development, 5(1), 91-101.
- **Paneru, K.** & Chen H (2014): Regression Analysis under Complex Probability Sampling Designs in Presence of Many Zero Value Responses, Advances and Applications in Statistics, 49 (1), 1- 29.
- **Paneru, K.** & Chen H. (2014): Asymptotic Distribution of Pseudo Likelihood Ratio Statistic for Zero Inflated Generalized Linear Models under Complex Sampling Designs, Far East Journal of Theoretical Statistics, 49 (1), 41- 60.
- Sthapit, A. B., Bajracharya P. M., Gautam K., **Paneru, K.**, & Shrestha H. K. (2006): Fundamentals of Business Mathematics, Buddha Academic Publishers and Distributors Pvt. Ltd, Kathmandu, Nepal.
- Dangol, P. M., Dhaka B., Tamang G., Shrestha H. K., & **Paneru, K.** (2006): Business Statistics Buddha Academic Publishers and Distributors Pvt. Ltd, Kathmandu, Nepal.

**RESEA**

- Cost Effectiveness Analysis of Head Lice Intervention Statistics Seminar, Department of Mathematics and Statistics, Bowling Green State University November 10, 2010.
- On a Simple Procedure of Unequal Probability Sampling With Replacement Statistics Seminar, Department of Mathematics and Statistics, Bowling Green State University March 31, 2010.

**GRANTS:**

- Interdisciplinary Summer Workshop for STEM Student 2019-2020 Faculty Initiative for Research/Scholarly/Creative Excellence (FIRE) Grant, UW-Whitewater (PI: Aditi Ghosh and Khyam Paneru) \$10,000).
- University of Wisconsin (UW) System Math Initiative Grant \$2.3 Mil

- Noah Padgett(2015): Estimation of expected responses at “future” covariate values/vectors in zero inflated generalized linear model under unequal probability sampling designs, 2015 Joint Mathematics Meetings, San Antonio, TX (Mentor: Dr. Khyam Paneru).

**CONFERENCE (Attended)**

- 2018 Joint Mathematics Meetings, San Diego, GA, January 10-13, 2018.
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**MEMBERSHIP OF HONORARY AND PROFESSIONAL SOCIETIES:**

- American Statistical Association
- American Mathematical Society
- Association of Nepalese Mathematicians in America: Life Member

**COMPUTING SKILLS**

R, RStudio, SAS, SPSS, Minitab, Fathom, and Excel.