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**Jie Peng, Ph.D.**  
**Professor**  
**Management**  
**College of Business**  
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**Academic Background**

Ph.D. University of Louisiana - Lafayette, 2008.  
M.S. University of Louisiana at Lafayette, 2005.  
M.S. University of New Orleans, 2003.

**Work Experience**

**Work Experience**

Professor, St. Ambrose University (2020 - Present), Davenport, Iowa. Management Department  
Associate Professor, St. Ambrose University (2014 - 2019), Davenport, Iowa.  
Assistant Professor, St. Ambrose University (2008 - 2014), Davenport, Iowa. Department of Finance, Economics and Decision Sciences

**Teaching**

**Courses Taught**

**Courses from the Teaching Schedule:** DATA ANALYSIS AND DECISION MAKING, INTERNATIONAL MANAGEMENT, QUANTITATIVE REASONING IN BUSINESS, STATISTICS IN BUSINESS AND ECONOMICS, TOPICS IN MANAGEMENT

**Teaching Activities**

**Student Assign-Independent Studies**

2019 - *MGMT399*. 1 student. (Summer)  
2018 - *STBE237*. 1 student. (Fall)

**Summer Course Instruction**

2020 - *MGMT399*. 18 students. (Summer)  
2019 - *MGMT399*. 7 students. (Summer)  
2018 - *MGMT399*. 11 students. (Summer)  
2018 - *MGMT399*. 2 students. (Summer)  
2018 - *STBE137*. 5 students. (Summer)

**Intellectual Contributions**

**Intellectual Contributions Grid**

Category	BDS	AIS	TLS	Total
Articles in Refereed Journals	3			3

## Refereed Articles

### Basic or Discovery Scholarship

Krishnamoorthy, K., Peng, J., & Zhang, D. (2016). Modified Large Sample Confidence Intervals for Poisson Distributions: Ratio, Weighted Average and Product of Means. *Communications in Statistics: Theory and Methods*, 45, 83-97.

Krishnamoorthy, K., Mathew, T., & Peng, J. (2016). A simple method for assessing occupational exposure via the one-way random effects model. *Journal of Occupational and Industrial Hygiene*, 13, 894-903.

Krishnamoorthy, K., & Peng, J. (2015). Approximate One-Sided Tolerance Limits in Random Effects Model and in Some Mixed Models and Comparisons. *Journal of Statistical Computation and Simulation*, 85, 1651-1666.

## Presentations of Refereed Papers

### International

Peng, J. (2019). *Improved Prediction Intervals for Discrete Distributions*. International Conference on Statistical Distributions and Applications, Grand Rapids, Michigan.

Peng, J. (2018). *Approximate One-Sided Tolerance Limits in Random Effects Model and in Some Mixed Models and Comparisons (updated)*. ICSA China Conference with the Focus On Data Science, Qingdao, Shandong, China.

Peng, J. (2016). *Simple Method for Assessing Occupational Exposure via the One-Way Random Effects Model*. Joint Statistical Meetings, Chicago, Illinois.

### National

Peng, J. (2015). *Multiple Comparison Procedures for Binomial Distributions*. Roeling Conference UL Lafayette Mathematics, Lafayette, Louisiana.

## Service

### Service to the Institution

#### College Assignments

##### Member:

2019-2020 – 2020-2021: Operations Roots Group

#### University Assignments

##### Member:

2019-2020 – 2020-2021: Center for Teaching Excellence

## Professional Development

### Instructional-Related Conference

2018: Data Science: Computation and Visualization Workshop.

2017: The 2017 INFORMS Annual Meeting.

2016: Annual Meeting of the Decision Science Institute.

2015: United States Conference On Teaching Statistics.