



Joint Mathematics Meetings Proposal Submissions

Session Type: Themed Contributed Paper Session

Session Title: Scholarship on Teaching and Learning Statistics

Session Description: Statistics education is an expanding field that has grown out of several disciplines including mathematics education and educational psychology. It is a field devoted to the improvement of teaching and learning statistics at all educational levels. Research in statistics education is both qualitative and quantitative and ranges from classroom studies of new pedagogical methods to multi-institution research projects investigating how students learn statistics to the development of theoretical learning models. This session invites presentations on research and scholarship in the teaching and learning of statistics at all levels from K-12 through postsecondary to the training of professionals. Presentations may include current research projects in the classroom or across institutions, including research on attitudes, beliefs, and dispositions toward statistics. Reviews of the statistics education research literature are also welcome. Research projects should be approved by the presenter's Institutional Review Board. Co-sponsored by the SIGMAA on Statistics Education and the SIGMAA on Research in Undergraduate Mathematics Education.

Detailed Session Description:

Statistics education is an expanding field that has grown out of several disciplines including mathematics education and educational psychology. It is a field devoted to the improvement of teaching and learning statistics at all educational levels. Research in statistics education is both qualitative and quantitative and ranges from classroom studies of new pedagogical methods to multi-institution research projects investigating how students learn statistics to the development of theoretical learning models. This session invites presentations on research and scholarship in the teaching and learning of statistics at all levels from K-12 through postsecondary to the training of professionals. Presentations may include current research projects in the classroom or across institutions, including research on attitudes, beliefs, and dispositions toward statistics. Reviews of the statistics education research literature are also welcome. Research projects should be approved by the presenter's Institutional Review Board. Co-sponsored by the SIGMAA on Statistics Education and the SIGMAA on Research in Undergraduate Mathematics Education.

Previously Presented: N/A for MathFest, but was presented at JMM 2018

Sponsored Session: SIGMAA on Statistics Education, SIGMAA on Research in Undergraduate Mathematics Education

Additional AV needs: standard

Scheduling Constraints: can not conflict with other SIGMAA Stat Ed sessions, or SIGMAA RUME or Web SIGMAA sessions

Organizer

Lisa Carnell, High Point University, Contact: lcarnell@highpoint.edu

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