# Systematic Review and Meta-Analysis Sessions at the American Education Research Association Conference 2019
[Visit the SIG Website](#)

## Sessions Hosted by the Systematic Review and Meta-Analysis SIG

**Thursday, April 4, 2019**
*Introduction to Systematic Review and Meta-Analysis*
9:00 am – 5:00 pm, Metro Toronto Convention Centre, 700 Level, Room 716A
Session Type: Professional Development Course

**Friday, April 5, 2019**
*Advanced Meta-Analysis*
8:00 am – 4:00 pm, Metro Toronto Convention Centre, 700 Level, Room 715B
Session Type: Professional Development Course

**Saturday, April 6, 2019**
*New Systematic Reviews in Education*
8:00 – 9:30 am, Metro Toronto Convention Centre, 300 Level, Hall C
Session Type: Poster Session
- o Emotional Designs in Multimedia Learning: A Meta-Analysis

**Sunday, April 7, 2019**
*Learning About Meta-Analysis and Meta-Analyses About Learning:*
*Methods and Applications of Research Synthesis*
8:00 – 9:30 am, Metro Toronto Convention Centre, 200 Level, Room 203A
Session Type: Paper Session
- o Comparing the Effectiveness of Distance and Face-to-Face Learning: An Application of Network Meta-Analysis
- o Detecting Publication and Reporting Bias in Multilevel Meta-Analyses: A Simulation Study
- o The Effect of Peer Assessment on Academic Performance: A Meta-Analysis of Peer-Assessment Intervention Studies
- o Evaluation of Heterogeneity and Heterogeneity Interval Estimators in Random-Effects Meta-Analysis of Educational and Psychological Research

*Systematic Review and Meta-Analysis SIG Business Meeting*
7:05 – 9:05 pm, Metro Toronto Convention Centre, 600 Level, Room 606
Session Type: Business Meeting (Open to public)
Presentation By Rebecca Maynard, Ph.D., University Trustee Chair Professor of Education and Social Policy, Emeritus

**Monday, April 8, 2019**
*Meta-Analysis in Education: Innovative Methods and Applications*
10:25 – 11:55 am, Metro Toronto Convention Centre, 800 Level, Hall G
Session Type: Roundtable Session:
- o Flipped Classrooms Versus Traditional Classrooms: A Meta-Analysis on Student Achievement in Higher Education
- o Locating Unreported Outcome Data for Use in a Meta-Analysis: Results From a Synthesis of Intervention Studies Reducing Cyberbullying
- o Meta-Analysis on Cognitive Strategies and Academic Outcomes: Validity of the Learning and Study Strategies Inventory
- o Several Practical Issues of Comparative Efficacy of Interventions for PTSD in Bayesian Network Meta-Analysis

## Other Session of Interest to SIG Members

**Saturday, April 6, 2019**
*Challenges in Meta-Analysis*
8:00 – 9:30 am, Fairmont Royal York Hotel, Mezzanine Level, Tutor 8
Session Type: Paper Session

**Sunday, April 7, 2019**
*Systematic Reviews, Thematic Syntheses, and Gap Analyses in Online, Distance, and Blended Learning*
11:50 am – 1:20 pm, Metro Toronto Convention Centre, 600 Level, Room 606
Session Type: Paper Session

*Handling Methodological Complexities in Effect Size Calculation and Meta-Analysis of Single-Case Experimental Design Data*
3:40 – 5:10 pm, Metro Toronto Convention Centre, 800 Level, Room 801A
Session Type: Structured Poster Session

**Monday, April 8, 2019**
*Division D Graduate Student in Progress Research Gala*
2:15 – 3:45 pm, Metro Toronto Convention Centre, 300 Level, Hall C
Session Type: Poster Session (7 posters on various meta-analysis topics!)

*Questions? Josh Polanin (jpolanin@air.org) or James Pustejovsky (pusto@austin.utexas.edu).*