ID	TITLE	TYPE	TIME
26 72	SUNDAY *! Education for Undergraduate and Graduate Non-Statistics Major Students Alternative Classroom Strategies: Flipped, Blended, and Others	Topic Contributed Panel Contributed Papers	2:00 PM to 3:50 PM 4:00 PM to 5:50 PM
91 CE15C 129 170 174 210 229 240 266 269	MONDAY Section on Statistical Education A.M. Roundtable Discussion (Added Fee) Bootstrap Methods and Permutation Tests for Doing and Teaching Statistics (FEE) Advancing Statistical Literacy SPEED: Statistics for Education and Social Sciences Research Students Doing and Communicating about Statistics. Section on Statistical Education P.M. Roundtable Discussion (Added Fee) *! Teaching a Large Introductory Statistics Course- Making it Work! Professional opportunities at smaller colleges and universities SPEED: Statistics for Education and Social Sciences Research, Part 2A SPEED: Statistics for Education and Social Sciences Research, Part 2B	Roundtables AM Discussion Continuing Education Course Contributed Papers Contributed Speed Contributed Papers Roundtables PM Discussion Invited Panel Topic Contributed Panel Contributed Poster Presentations Contributed Poster Presentations	7:00 AM to 8:15 AM 8:00 AM to 12:00 PM 8:30 AM to 10:20 AM 10:30 AM to 12:20 PM 10:30 AM to 12:20 PM 12:30 PM to 1:50 PM 2:00 PM to 3:50 PM 2:00 PM to 3:50 PM 2:00 PM to 3:50 PM 3:05 PM to 3:50 PM
311 331 389 413 423	TUESDAY Who is a Statistics Educator? Attitudes, Preparation, and Practice *! Doing more with data in and outside the undergraduate classroom Section on Statistical Education P.M. Roundtable Discussion (Added Fee) Assessing Effectiveness of Teaching Statistics with Simulation-Based Inference * Awareness and Quality Improvements for the ASA/NCTM Poster Competition	Contributed Papers Invited Papers Roundtables PM Discussion Topic Contributed Papers Topic Contributed Panel	8:30 AM to 10:20 AM 10:30 AM to 12:20 PM 12:30 PM to 1:50 PM 2:00 PM to 3:50 PM 2:00 PM to 3:50 PM
457 489 558 569 605	WEDNESDAY Section on Statistical Education A.M. Roundtable Discussion (Added Fee) *! Evaluating Some Popular Introductory Applied Statistics Textbooks Contributed Poster Presentations: Section on Statistical Education Section on Statistical Education P.M. Roundtable Discussion (Added Fee) How are we doing? Education Analytics Section on Statistics Education: Business Meeting	Roundtables AM Discussion Topic Contributed Panel Contributed Poster Presentations Roundtables PM Discussion Contributed Papers	7:00 AM to 8:15 AM 8:30 AM to 10:20 AM 10:30 AM to 12:20 PM 12:30 PM to 1:50 PM 2:00 PM to 3:50 PM TBD
652 678 694	THURSDAY Big Data and Data Science Education *! Strategies for Developing Undergraduate Data Science Programs Useful Classroom Activities	Contributed Papers Invited Papers Contributed Papers	8:30 AM to 10:20 AM 10:30 AM to 12:20 PM 10:30 AM to 12:20 PM

! Data Science Education

Invited Panel