UConn's RMME Programs at SREE 2024

Thursday, September 19

9:00 am to 10:30 pm

Location: Harborside Foyer (4, Baltimore Marriott Waterfront)

Session Title: 3G. – Exploring Predictive Validity and Disparities in Education: From Test Scores to Behavior Screeners

Presentation Title: Mapping the Research Base for Universal Behavior Screeners

Presenting Author: Kathleen Lane

Authors: Katie Pelton

12.30 pm to 2.00 pm

Location: Kent AB (4, Baltimore Mariott Waterfront)

Session Title: 5F. - Artificial Intelligence and the Future of Educational Measurement and Evaluation

Presentation Title: Low-Cost Measurement with Large Language Models: An Application of Few-Shot Classification in Educational Evaluations

Author: Claudia Ventura

Presenting Author: Kylie Anglin

2.15 pm to 3.15 pm

Location: Kent AB (4, Baltimore Marriott Waterfront)

Session Title: Open Science Affinity Group Panel: How Do We Move Open Science Forward in Educational Research?

Panelists: Kara Finnigan, Elizabeth Tipton, Sean Grant

Moderator: *D. Betsy McCoach*

Friday, September 20

9:00 am to 10:30 pm

Location: Harborside Foyer (4, Baltimore Marriott Waterfront)

Session Title: 7H. – Advancing Measurement and Assessment in Special Education

Presentation Title: Measurement Invariance and Predictive Validity of a Free-Access Universal Screening Tool: The SRSS-IE

Presenting Author: Kathleen Lane

Authors: Katie Pelton

1.15 pm to 2.15 pm

Location: Harborside Foyer (4, Baltimore Marriott Waterfront)

Session Title: 8D. Organization of Schools and Systems

Presentation Title: Evaluation of a Brief Intervention: Achievement Gaps and Reliability

Authors: Joselyn Perez and D. Betsy McCoach

Location: Kent AB (4, Baltimore Marriott Waterfront)

Session Title: 8F. Research Methods

Presentation Title: Deciphering Hyperparameter Choices in Machine Learning for Propensity Score Estimation: A Systematic Review of GBM and Random Forest Methods

Authors: Huibin Zhang, Walter Leite, Zachary Collier, Kamal Chawla, Lingchen Kong, YongSeok Lee, Jia Quan

Presenting Author: Huibin Zhang

Location: Harborside Foyer (4, Baltimore Marriott Waterfront)

Session Title: 8F. Research Methods

Presentation Title: Exploring Estimates of Multilevel Reliability for School Based Behavioral Measures

Authors: Katie Pelton and D. Betsy McCoach

2:15 p.m. - 3:45 p.m.

Location: Kent AB (4, Baltimore Mariott Waterfront)

Session Title: 9E. Advancing Educational Outcomes through Machine Learning and Predictive Analytics

Chair: Kylie Anglin