

# Kelley R. Stethen

## **Education**

- August 2021 – Current Ph.D. student, Educational Psychology – Assessment and Quantitative Analysis in Education  
University of Nevada, Las Vegas, Las Vegas, NV  
Research focus includes test validation, evaluator and stakeholder decision making, and the influence of artificial intelligence on assessment processes and interpretation.
- December 2019 M.Ed. In Measurement, Evaluation, Statistics, And Assessment  
University of Illinois at Chicago, Chicago, IL
- May 2017 B.S. In Middle / Secondary Education – Biology Certification  
University of Louisville, Louisville, KY

## **Professional Experience**

- January 2020 – Current Psychometric Associate, ACS Ventures, LLC  
Provide psychometric consulting services for credentialing and education programs. Lead activities involving test validation, data analysis, and reporting for technical documentation and program evaluation.
- Fall 2019 Assessment Consultant, ACS Ventures, LLC  
Conduct reviews of multiple-choice items created for a licensure exam. Consolidate SME feedback and document proposed exam changes. Supported development and revision of licensure examination materials and documentation.
- Summer 2019 Psychometric Intern, ACS Ventures, LLC  
Facilitated educators in an alignment study for an ELL standardized assessment. Assisted facilitators in a standard setting study for a state-wide alternate assessment. Lead editor in an evaluation report of a department of education initiative. Constructed an NCME research proposal for Spring 2020 conference
- 2017 – 2018 Science Teacher, *Scott County Schools*  
Designed and instructed high school curriculum according to NGSS Biology standards. Collaborated with a Professional Learning Community to create common assessments. Applied knowledge of standards-based instruction and assessment design in classroom settings.

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## **Publications / Presentations**

- Wheeler, K., (2020). Applying the Item Descriptor Matching method to alternate assessments: Evaluating panelists' experiences. Paper presented at NCME 2020 conference.
- Wheeler, K., & Davis-Becker, S. (2022). Evaluating Correspondence between English Language Proficiency (ELP) Standards and Academic Content Standards. Paper presented at NCME 2022 conference.
- Jennison, K., & Wheeler, K. (2022). What is Psychometrics? *Silver State-istics, ASA-NV Chapter Newsletter*. Advance online publication (2022, Spring).

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## **Additional Skills**

- Experience with the adoption and implementation of the *Next Generation Science Standards*  
Familiarity with the *Standards of Educational and Psychological Testing*

Trained in applied IRT analysis (Rasch, 2PL, and 3PL models)

- Proficient in data analysis tools such as R and Excel
- Experience with qualitative and quantitative data collection and reporting for evaluation studies
- Experience working with subject matter experts during alignment, standard setting, and content validation activities