

# Samuel D. Ihlenfeldt

University of Minnesota

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## EDUCATION

Spring 2025 (Anticipated)

Ph.D. Student in Quantitative Methods in Education

Measurement Concentration

University of Minnesota, Minneapolis, MN

June 2014

B.A. in Mathematics

Statistics Concentration

Carleton College, Northfield, MN

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## PROFESSIONAL EXPERIENCE

Lyons Assessment Consulting

Research Associate

July 2023 – Present

University of Minnesota, Minneapolis, MN

Department of Educational Psychology

Graduate Student Researcher

August 2017 – May 2024

Minnesota Department of Education

Statewide Testing Division

Research Intern

August 2020 – May 2021

Pearson

Educational Portfolio, Clinical Assessment Division

John P. Yackel and Pearson Assessment Internship

August 2021 – May 2022

Pearson

Educational Portfolio, Clinical Assessment Division

Contracted Researcher

May 2022 – May 2023

Saint Paul Public Schools  
Research, Evaluation, and Assessment  
Research Analyst Intern  
August 2022 – February 2024

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## PUBLICATIONS

### Refereed Journal Articles

- Ihlenfeldt, S. D., & Rios, J. A.** (2023). Do admissions English assessments predict success in higher education? A meta-analysis. *Language Testing*, 40(2), 276-299.  
<https://doi.org/10.1177/02655322221112364>
- Rios, J. A., Deng, J., & **Ihlenfeldt, S. D.** (2022). To what degree does rapid guessing underestimate test performance? A meta-analytic investigation. *Educational Assessment*, 27(4), 356-373. <https://doi.org/10.1080/10627197.2022.2110465>
- Rios, J. A., & **Ihlenfeldt, S. D.** (2021). State assessment score reporting practices for English learner parents. *Educational Measurement: Issues and Practice*, 40(3), 31-41.  
<https://doi.org/10.1111/emip.12424>
- Rios, J. A., **Ihlenfeldt, S. D.**, & Chavez, C. (2020). Are accommodations for English learners on state accountability assessments evidence-based? A multi-study systematic review and meta-analysis. *Educational Measurement: Issues and Practice*, 39(4), 65-75.  
<https://doi.org/10.1111/emip.12337>
- Rios, J. A., **Ihlenfeldt, S. D.**, Dosedel, M., & Riegelman, A. (2020). A topical and methodological systematic review of meta-analyses published in the educational measurement literature. *Educational Measurement: Issues and Practice*, 39(1), 71–81.  
<https://doi.org/10.1111/emip.12282>

### Non-Refereed Papers

- Student, S., Lyons, S., Ihlenfeldt, S. D. (2024). *Leaps Student Voice Survey: Technical report*. Lyons Assessment Consulting & Transcend.
- Ihlenfeldt, S. D.**, Student, S., Lyons, S., Dadey, N., Forte, E., Winter, P. (2024). *Enhancing peer review: Supporting innovation in state assessment systems*. Lyons Assessment Consulting & Foresight Law+Policy.

### Manuscripts in Preparation

Lyons, S., Christopherson, S., Brown, J. C., **Ihlenfeldt, S. D.**, Pace, L. (2025). *Evaluating assessment technical quality in the context of innovation: A path forward and policy implications from a case study.*

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### Awards and Honors

National Council on Measurement in Education (NCME) Mission Fund Grant  
NCME  
April 2022

Quantitative Methods in Education Student Leadership Award  
University of Minnesota  
May 2020

College of Education and Human Development Hauge Fellowship  
University of Minnesota  
April 2021

Quantitative Methods in Education Teaching Award  
University of Minnesota  
May 2021

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### INVITED TALKS

**Ihlenfeldt, S. D.** (2022, October) *Examining the effectiveness of a pop-up glossary accommodation on a large-scale state assessment.* Presented to the Minnesota Department of Education and the Minnesota Comprehensive Assessment Technical Advisory Committee.

**Ihlenfeldt, S. D.** (2021, April) *Surveying national assessment and score reporting practices for English learners.* Presented as part of the IEMP Educational Measurement Speaker Series.

**Ihlenfeldt, S. D., & Taylor, D.** (2020, December) *Cultivating research interests in educational measurement.* Presented as part of the NCME Brown Bag Speaker Series.

**Ihlenfeldt, S. D.** (2020, February). *Do admissions English assessments predict success in higher education? A meta-analysis.* Presented at the University of Minnesota, Minneapolis, MN.

Minnesota Youth Development Research Group (2018, March). *Summary of research conducted by the Minnesota youth development research group.* Presented to the Minnesota Student

Survey Interagency Team at the Minnesota Department of Human Services Education,  
St. Paul, MN.

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## CONFERENCE PARTICIPATION

### Papers Presented

#### 2025

**Ihlenfeldt, S. D.** (2025, April 23–27). *Do not associate red with our children: Somali perspectives on score reporting* [Paper presentation]. To be presented at the annual meeting of the National Council of Measurement in Education, Denver, CO.

Christopherson, S., **Ihlenfeldt, S. D.**, Brown, J. C., Trowery, L. (2025, April 23–27). *Federal policy facilitators and barriers for performance based assessment systems: National perspectives on a case study* [Organized discussion]. To be presented at the annual meeting of the National Council of Measurement in Education, Denver, CO.

#### 2024

**Ihlenfeldt, S. D.** (2024, April 11–14). *Developing and evaluating score reports adapted for parents whose primary language is not English* [Paper presentation]. To be presented at the annual meeting of the National Council of Measurement in Education, Philadelphia, PA.

**Ihlenfeldt, S. D.**, Nickodem, K., Rodriguez, M. C. (2024, April 11–14). *Investigating “books at home” as an indicator of student socioeconomic status* [Paper presentation]. To be presented at the annual meeting of the National Council of Measurement in Education, Philadelphia, PA.

Lamm, R., Rodriguez, M. C., **Ihlenfeldt, S. D.** (2024, April 11–14). *Levels of feeling safe and being bullied for LGB student athletes* [Paper presentation]. To be presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.

#### 2023

**Ihlenfeldt, S. D.**, Rios, J. A. (2023, April 12–15). *Investigating how emotional affect moderates the relationship between feedback type and uptake* [Paper presentation]. Presented at the annual meeting of the National Council of Measurement in Education, Chicago, IL.

Hochstetter, A., Sohn, H., Cermak, K., **Ihlenfeldt, S. D.** (2023, June 26–28). *Individual score report designs for alternate and general assessments: What are other states doing?* [Paper Presentation]. Presented at the National Conference on Student Assessment, New Orleans, LA.

## 2022

**Ihlenfeldt, S. D.**, Deng, J. (2022, April 21–24). *Evaluating rapid guessing response patterns on multistage assessment: A simulation study* [Paper presentation]. Presented at the annual meeting of the National Council of Measurement in Education, San Diego, CA.

Rios, J. A., Deng, J., **Ihlenfeldt, S. D.** (2022, April 21–24). *To what degree does rapid guessing distort test performance? A meta-analytic investigation* [Paper presentation]. Presented at the annual meeting of the National Council of Measurement in Education, San Diego, CA.

## 2021

**Ihlenfeldt, S. D.**, & Rios, J. A. (2021, June 8-11). *State assessment score reporting practices for English learner parents* [Paper presentation]. Presented at the annual meeting of the National Council of Measurement in Education, virtual.

## 2020

Chavez, C., Rios, J. A., & **Ihlenfeldt, S. D.** (2020, April 16–20). *A systematic review of nationally available testing accommodations for English learners* [Paper presentation]. The annual meeting of the National Council of Measurement in Education, San Francisco, CA. (*Cancelled*)

**Ihlenfeldt, S. D.**, Rios, J. A., & Chavez, C. (2020, April 16–20). *A meta-analysis on the effectiveness of English learner testing accommodations* [Paper presentation]. The annual meeting of the National Council of Measurement in Education, San Francisco, CA. (*Cancelled*)

Lamm, R., & **Ihlenfeldt, S. D.** (2020, April 17–21). *Measurement invariance of developmental skill and support measures for transgender youth* [Paper presentation]. The annual meeting of the American Educational Research Association, San Francisco, CA. (*Cancelled*)

**Ihlenfeldt, S. D.**, Lamm, R., & Do, T. (2020, July 14–17). *Measurement invariance of an international developmental assets measure: Alignment across and within geographical regions* [Paper presentation]. The 12<sup>th</sup> meeting of the International Test Commission, Luxembourg. (*Cancelled*)

Rios, J. A., Klein, S., & **Ihlenfeldt, S. D.** (2020, August 2–5). *Do instructor and course evaluations in STEM gateway courses predict STEM retention?* [PowerPoint presentation]. Bluenotes GLOBAL 2020, Online.

## 2019

Chavez, C., Rodriguez, M. C., Do, T. T., **Ihlenfeldt, S. D.** (2019, April 5-9). *Racial and gender expression discrimination among high school students* [Paper presentation]. Annual Meeting of the American Educational Research Association, Toronto, Canada.

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## TEACHING EXPERIENCE

Carleton College  
Visiting Instructor in Statistics  
*Introduction to Statistics* (Spring, 2021)

University of Minnesota, College of Education and Human Development  
Instructor of Record  
*Basic and Applied Statistics* (Spring and Fall, 2020, Spring, 2021)

University of Minnesota, College of Education and Human Development  
Teaching Assistant  
*Basic and Applied Statistics* (Spring and Fall, 2019; Summer, 2020)

University of Minnesota, College of Education and Human Development  
Teaching Assistant  
*Introductory Statistical Methods* (Fall, 2018)

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## PROFESSIONAL SERVICE

NCME Graduate Student Issues Committee 2019–2021  
NCME Social Media Ambassador 2020–2021

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## RESEARCH INTERESTS

Improving large-scale assessment validity for English learners  
Developing assessment feedback techniques that consider individual differences  
Student development of 21<sup>st</sup> century skills

Improving educational measurement practices

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## **RELATED PROFESSIONAL SKILLS**

### **Statistical Software**

General Statistical Software: R, Python  
Structural Equation Modeling Software: Mplus, Lavaan  
Survey Software: jMetrik, Qualtrics  
Equating: Winsteps  
Item Response Theory Software: IRTPRO  
Simulation Software: R  
Qualitative Software: NVivo

### **Languages**

Spanish: Full professional proficiency

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## **PROFESSIONAL AFFILIATIONS**

American Educational Research Association, Division D  
Improving Educational Measurement Practices Research Lab  
Minnesota Youth Development Research Group  
National Council on Measurement in Education