HyeonJin Yoon

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Education

2018	**Ph.D., Educational Leadership** **Specialization**: Quantitative Research Methods University of Oregon, Eugene, Oregon **Dissertation Chair**: Dr. Keith Zvoch **Title**: Multiple-cutoff Regression Discontinuity Designs in Program Evaluation: A Comparison of Two Estimation Methods
2012	**M.A., Education** **Specialization: Educational Administration and Policy** Hanyang University, Seoul, Republic of Korea
2009	**B.A., English and American Literature** Hankuk University of Foreign Studies, Seoul, Republic of Korea

Areas of Research Interest

- Program evaluation using experimental and quasi-experimental designs
- Improving and extending quasi-experimental designs focusing on regression discontinuity designs
- Modeling heterogeneous and time-varying intervention effects with longitudinal data
- Measurement and assessment of reading
- Modeling heterogeneity of the development of reading difficulties

Professional Experience

9/2019 – Present	**Research Assistant Professor,** Nebraska Methodology, Analytics, & Psychometrics (MAP) Academy, Nebraska Center for Research on Children, Youth, Families, & Schools, University of Nebraska-Lincoln
7/2019 – Present	**Courtesy Research Associate,** Center on Teaching and Learning, University of Oregon
7/2018 − 6/2019	**Research Assistant,** Center on Teaching and Learning, University of Oregon (Equivalent of full-time research faculty position)

Publications

Peer-reviewed Journal Articles

3. Kucheria, P., Sohlberg., M. M., **Yoon, H**., Fickas, S., & Prideaux, X. (2018). Read, Understand, Learn & Excel (RULE): Development and feasibility of a reading comprehension measure for postsecondary learners. *American Journal of Speech-Language Pathology*, *27*(4), 1363-1374. DOI: 10.1044/2018_AJSLP-17-0221

2. Biancarosa, G., Kennedy, P., Carlson, S. E., **Yoon, H**., Seipel, B., Liu B., & Davison, M. (2018). Constructing subscores that add to validity: A case study of identifying students at-risk. *Educational and Psychological Measurement*. *79*(1), 65-84. DOI: 10.1177/0013164418763255

1. **Yoon, H.**, & Jang, H. (2012). Effects of transformational leadership from principals on elementary school teachers' organizational citizenship behavior: Mediation effects of faculty trust in colleagues. *Korean Journal of Educational Administration*, *30*(4), 326-348.

Manuscripts Under Review

1. Biancarosa, G., Chris, I., Kennedy, P. C., **Yoon, H.**, Fien, H., & Otterstedt, J. (Under review). Concurrent validity and diagnostic accuracy evidence of DIBELS for dyslexia screening. Submitted to *School Psychology Review*.

Manuscripts in Preparation

3. **Yoon, H**., Zvoch, K., Smolkowski., K., & Clarke, B. (In preparation). Evaluation of the validity and precision of the multiple-cutoff regression discontinuity design: A within-study comparison

2   **Yoon, H**., Zvoch, K., Smolkowski., K., & Clarke, B. (In preparation). Multiple-cutoff regression discontinuity designs in program evaluation

1. Zvoch, K., **Yoon, H., &** Cook, T. D. (In preparation). Tie-breaker designs and the mechanisms they entail for generalizing regression discontinuity estimates away from the treatment cutoff

Conference Presentations

31. Chris, I., **Yoon, H.,** & Biancarosa, G. (2020, February). *Identifying first grade reading profiles with latent profile analysis*. In Y.-S. Kim (chair). *Reading Risk Profiles: Using Screening Assessment Data to Inform Instruction*. Symposium accepted at the Annual Meeting of National Association of School Psychologists, Baltimore, MD.

30. Hinkle, H., Choo, Y. S., Nelson, N. J., Shanley, L., Fine, H., & **Yoon, H**. (2020, February). *Enhancing teacher instruction through evidence-based educational technology*. Poster accepted at the Annual Meeting of Council of Exceptional Children, Portland, Oregon.

29**.** **Yoon H**., Zvoch K., Clarke, B., & Smolkowski, K. (2019, April). *Using multiple-cutoff regression discontinuity design to estimate and model treatment effect heterogeneity*. Paper presented at the Annual Meeting of American Educational Research Association, Toronto, Canada.

28. **Yoon, H**., Choo, S. Y., Shanley, L., Nelson, N. J., & Halladay, L. (2019, January). *Developing an effective data-based decision making approach to support evidence-based*

math intervention. Demonstration session conducted at the Annual Meeting of Council for Exceptional Children, Indianapolis, IN.

27. **Yoon, H**., Zvoch K., Clarke, B., Kosty, D., Doabler, C.T., Shanley, L., Fien, H., & Smolkowski, K., (2018, November). *Multiple-cutoff regression discontinuity design in program evaluation: A comparison of two estimation methods.* Paper presented at the Annual Meeting of American Evaluation Association, Cleveland, OH.

26. **Yoon, H**., Choo, S. Y., Shanley, L., Nelson, N. J., & Men, V. (2018, October). *NumberShire Integrated Tutor System: Improving student performance through teacher supports.* Poster presented at the Annual Meeting of Council for Learning Disabilities, Portland, OR.

25. Shanley, L., Clarke, B., Smith., J., **Yoon., H.,** Turtura, J., & Sabb, F. (2018, September). *Differences in Functional Connectivity between on-track and under-performing math learners in First Grade.* Poster presented at Flux Conference. Berlin, Germany.

24. **Yoon, H**., Biancarosa, G., Zvoch, K., Carlson S. E., Kennedy, P. C., Nelson, N. J., Baker, S. K., & Fien, F. J. (2018, April). *Use of latent change score modeling to estimate middle school reading intervention effects.* Paper presented at the Annual Meeting of American Educational Research Association, New York City, NY.

23. Kucheria, P., Sohlberg., M. M., & **Yoon, H**. (2017, November). *Measuring postsecondary reading comprehension skills: Campus Reading Assessment.* Paper presented at the Annual Meeting of American Speech-Language-Hearing Association, Los Angeles, CA.

22. **Yoon, H.,** & Zvoch, K**.** (2017, November). *The use of hybrid and-comparative regression discontinuity (RD) designs to improve the generality of the RD treatment effect estimate.* Round table discussion held at the Annual Meeting of the American Evaluation Association, Washington D.C.

21. Clarke, B., Shanley, L., Smith., J., **Yoon., H.,** Sutherland, M., Turtura, J., & Sabb, F. (2017, September). *Mapping non-response to math intervention: A resting state MRI study of first graders.* Poster presented at Flux Conference. Portland, OR.

20. Carlson, S. E., Biancarosa, G., Seipel, B., **Yoon, H.,** & Davison, M. L**.** (2017, August). Exploring developmental differences between good and struggling readers' comprehension processing. In S. E. Carlson (chair). *Collaborating Across Education, Psychology and Measurement*: *Using MOCCA to Inform Change in Practice.* Symposium conducted at the Annual Meeting of American Psychological Association, Washington D.C.

19. **Yoon, H**. (2017, May). *Validity of Multiple-choice Online Causal Comprehension Assessment (MOCCA): A Diagnostic measure of reading comprehension processes.* Poster presented at the Annual University of Oregon Graduate Research Forum. Eugene, OR.

18. Carlson, S. E., Seipel, B., Biancarosa, G., Davison, M. L., & **Yoon, H.** (2017, April). A review of the original and revised MOCCA. In S. E. Carlson (chair). *Year 2 Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA.* Symposium conducted at the Annual Meeting of American Educational Research Association, San Antonio, TX.

17. Biancarosa, G., Davison, M. L., Seipel, B., Carlson, S. E., & **Yoon, H.** (2017, April). MOCCA: Year 2 MOCCA classical test theory results. In S. E. Carlson (chair). *Year 2 Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA.* Symposium conducted at the Annual Meeting of American Educational Research Association, San Antonio, TX.

16. Davison, M. L., Biancarosa, G., Carlson, S. E., Seipel, B., Liu, B., & **Yoon, H.** (2017, April). Continued efforts in selecting an item response theory: Year 2 MOCCA Results. In S. E. Carlson (chair). *Year 2 Results for Multiple-Choice Online Causal Comprehension*

Assessment: Project MOCCA. Symposium conducted at the Annual Meeting of American Educational Research Association, San Antonio, TX.

15. **Yoon, H.,** Biancarosa, G., Carlson, S. E., Seipel, B., & Davison, M. L. (2017, April). Text and item feature analysis: Year 2 MOCCA results. In S. E. Carlson (chair). *Year 2 Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA*. Symposium conducted at the Annual Meeting of American Educational Research Association, San Antonio, TX.

14. Seipel, B., Carlson, S. E., Davison, M. L., Biancarosa, G., & **Yoon, H.** (2017, April). The future of MOCCA and diagnostic assessments: Adult readers, reading times, and a CAT version. In S. E. Carlson (chair). *Year 2 Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA.* Symposium conducted at the Annual Meeting of American Educational Research Association, San Antonio, TX.

13. Thier, M., Todd, J., **Yoon, H.,** & Perry, L. B. (2016). Of peripheral concern: Associating center-periphery differences with opportunity to learn rigorous curricula. Paper presented at the annual meeting of Australian Association of Research in Education, Melbourne, Victoria, Australia.

12. Todd, J., Thier, M., **Yoon, H.,** & Perry, L. B. (2016). Radiating inequalities: Parsing geographical definitions and proxies to detect international differences in opportunity-to-learn rigorous coursework. Paper presented at the annual meeting of Oceania Comparative and International Education Society, Sydney, New South Wales, Australia.

11. Biancarosa, G., Davison, M. L., Carlson, S. E., Seipel, B., Liu, B., & **Yoon, H.** (2016, December). *Poor reading comprehension in a diverse sample of intermediate grade children*. Paper presented at the Annual Meeting of the Literacy Research Association, Nashville, TN.

10. Zvoch, K., & **Yoon, H.,** & Cook, T. D. (2016, November). *Application of a hybrid regression discontinuity design to examine the generality of program effects.* Paper presented at the Annual Meeting of the Association for Public Policy Analysis and Management, Washington, D.C.

9. Zvoch, K., & **Yoon, H.** (2016, October). *Implementation and analysis of a regression discontinuity design alternative*. Paper presented at the Annual Meeting of the American Evaluation Association, Atlanta, GA.

8. **Yoon, H.,** Biancarosa, G., Carlson, S. E., Davison, M. L., Seipel, B., & Grohman, J. (2016, April). MOCCA Item Development. In G. Biancarosa (chair). *First-Year Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA*. Symposium conducted at the Annual Meeting of American Educational Research Association, Washington, D.C.

7. Carlson, S. E., Biancarosa, G., Seipel, B., **Yoon, H.,** Grohman, J., & Davison, M. L. (2016, April). Identifying subgroups of struggling comprehenders: triangulation of reading comprehension processing methods. In G. Biancarosa (chair). *First-Year Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA*. Symposium conducted at the Annual Meeting of American Educational Research Association, Washington, D.C.

6. Seipel, B., Biancarosa, G., Carlson, S. E., Davison, M. L., **Yoon, H.,** & Grohman, J. (2016, April). Text and item feature analysis of MOCCA. In G. Biancarosa (chair). *First-Year Results for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA*. Symposium conducted at the Annual Meeting of American Educational Research Association, Washington, D.C.

5. Biancarosa, G., Davison, M. L., Liu, B., Carlson, S. E., Seipel, B., & **Yoon, H.** (2016, April). MOCCA: Classical test theory results. In G. Biancarosa (chair). *First-year Results*

for Multiple-Choice Online Causal Comprehension Assessment: Project MOCCA. Symposium conducted at the Annual Meeting of American Educational Research Association, Washington, D.C.

4. **Yoon, H**. (2016). *Identification of individual differences in reading comprehension processes*. Poster presented at the Annual University of Oregon Graduate Research Forum. Eugene, OR.

3. **Yoon, H.,** & Zvoch, K. (2015). *The use of multilevel modeling of investigate relationships between program implementation and student learning outcomes*. Poster presented at the Annual Meeting of the American Evaluation Association, Chicago, IL.

2. **Yoon, H.,** & Yeo, H. (2014). *Ewoo High School: a promotion of student learning through parents and community involvement*. Poster presented at the International Conference on Prevention Implementation. Eugene, OR.

1. **Yoon, H.** (2012). *Effects of transformational leadership from principals on elementary teachers' organizational citizenship behavior: Mediation effects of faculty trust in colleagues*. Paper presented at the Annual Meeting of Korean Educational Administration Society. Chungju, Chungchongbuk-do.

Additional Experience

Research Assistantship, Analysis, Coordination, and Consultation

08/2018 – Present	**Consultant** Project Read, Understand, Learn, & Excel (RULE), University of Oregon
02/2017 – 06/2018	**Graduate Employee** for *Drs. Lina Shanley, Nancy Nelson, Hank Fien, Ben Clarke, and Chris Doabler* Project NumberShire Integrated Tutor System: Supporting schools to scale up evidence-based education technology to improve math outcomes for students with disabilities (NS1-ITS), Center on Teaching and Learning, University of Oregon
02/2017 – 06/2018	**Graduate Employee** for *Drs. Ben Clarke, Lina Shanley, Fred Sabb, and Hank Fien* Project Mapping Non-Response to Math Intervention (MAP), Center on Teaching and Learning, University of Oregon
02/2018 – 6/2018	**Data Analyst** for *Dr. McKay Sohlberg* Project Read, Understand, Learn, & Excel (RULE), University of Oregon
01/2017 – 9/2017	**Data Analyst** for *Dr. McKay Sohlberg* Project Campus Reading Assessment (CRA), University of Oregon
07/2014 – 09/2017	**Graduate Employee** for *Drs. Gina Biancarosa and Sarah Carlson* Project Multiple-choice Online Causal Comprehension Assessment (MOCCA), Center on Teaching and Learning, University of Oregon
07/2014 – 07/2014	**Research Assistant** for *Dr. Brandy Todd*
01/2013 – 06/2013	**Voluntary Research Assistant** for *Dr. Nancy Nelson-Walker* Reading Clinic, Center on Teaching and Learning, University of Oregon

03/2012 – 09/2013   **Research Assistant** for *Dr. Hyungshim Jang*
Department of Education, Hanyang University

01/2012 – 02/2012   **Research Assistant**
Department of Applied Art Education, Hanyang University

09/2010 – 02/2011   **Research Assistant** for *Dr. Jonghee Ro*
Department of Education, Hanyang University

03/2010 – 06/2011   **Assistant Administrator & Research Assistant**
Korean Association of Multicultural Education
Department of Education, Hanyang University
Supervisor: *Dr. Yunkyung Cha*

Teaching Experience

03/2017 – 06/2017   **Supervised College Teaching Assistant**
Department of Educational Methodology, Policy and Leadership, University of Oregon
Course: Advanced Measurement and Assessment (EDLD 610)
Supervisor: Dr. Kathleen Scalise

01/2017 – 03/2017   **Supervised College Teaching Assistant**
Department of Educational Methodology, Policy and Leadership, University of Oregon
Course: Hierarchical Linear Modeling I (EDLD 628)
Supervisor: Dr. Mark M. Van Ryzin

09/2016 – 12/2016   **Supervised College Teaching Assistant**
Department of Educational Methodology, Policy and Leadership, University of Oregon
Course: Multiple Regression in Educational Research (EDUC 642)
Supervisor: Dr. Dave S. DeGarmo

09/2015 – 12/2015   **Supervised College Teaching Assistant**
Department of Educational Methodology, Policy and Leadership, University of Oregon
Course: Measurement and Assessment (EDLD 460/560)
Supervisor: Dr. Keith Zvoch

09/2011 – 02/2012   **Teaching Assistant**
Department of Education, Hanyang University
Course: Advanced Theories of Human Relations in Organizations
Supervisor: Dr. Jonghee Ro

03/2011 – 06/2011   **Teaching Assistant**
Department of Education, Hanyang University
Course: Advanced Theories and Research of Educational Administration
Supervisor: Dr. Jonghee Ro

09/2010 – 02/2011   **Teaching Assistant**
Department of Education, Hanyang University

Course: Seminar on the Principalship
Supervisor: Dr. Jonghee Ro

Other Professional Experience

07/2012 − 08/2013   **English Teacher**, Gyomun Middle School, Guri-si, Gyeonggi-do, Republic of Korea

Special Training and Certification

2017	Quasi-Experimental Design and Analysis, Institute for Policy Research, Northwestern University
2013	Multilevel Analysis Using Hierarchical Linear Modeling, Korea University, Seoul
2013	Structural Equation Modeling Analysis Using AMOS Statistics, Korea University, Seoul
2010	Statistical Thinking (e-learning), Statistical Training Institute, Dajeon, Chungchongbuk-do
2010	Basis Statistics Using SPSS, Statistical Training Institute, Dajeon, Chungchongbuk-do
2008	Chinese Character Mastery 2nd level certification, Korea Institute Hanja Level Qualification Evaluation, Seoul
2006	Microsoft Office Specialist Certification, Microsoft, Seoul

Research Packages

Proficient	R, SPSS, HLM, AMOS
Familiar	SAS, Mplus

Awards and Scholarships

2017	College of Education Travel Award, University of Oregon
2017	1st Place Poster Session Winner, 8th Annual Grad Forum, University of Oregon
2016 − 2018	EMPL Travel Grant Award, University of Oregon
2014 − 2018	Graduate Employee, Center on Teaching and Learning, University of Oregon
2014 − 2015	Ken A. Erickson Memorial Scholarship ($1,300), College of Education, University of Oregon
2010 − 2012	Scholarship for Academic Excellence, Hanyang University
2008	Scholarship for Academic Excellence, Korea Institute of Hanja Level Qualification Evaluation (Chinese Character Mastery Examination)
2006 – 2007	Excellence Award. For: "A study on Introduction of Biofuel," BRICs Center, Hankuk University of Foreign Studies

| 2004 | Scholarship for Academic Excellence, Hankuk University of Foreign Studies |

Research Grants

| 2006 – 2007 | *A study on Introduction of Biofuel*. BRICs Center, Hankuk University of Foreign Studies ($4,500, funded) |

Professional Affiliation

| 2016 – Present | American Educational Research Association
- Division D: Measurement and Research Methodology
- Division H: Research, Evaluation and Assessment in Schools
- SIG 167: Cognition and Assessment
- SIG 090: Research on Evaluation |
| 2015 – Present | American Evaluation Association
- Quantitative Methods: Theory and Design
- Design & Analysis Experiments |

Professional Service

| 2019 – Present | Membership Chair, AERA Special Interest Group (SIG), Research on Evaluation |
| 2012 – 2014 | Residents Participation Budgeting Advisory Committee for Gyeonggi Provincial Office of Education |

Community Service

2017	International Student Panel, University of Oregon
2015 – 2016	EMPL PhD Student Group Liaison, University of Oregon
2014 – 2018	EMPL Colloquium Committee Member, University of Oregon
2014 – 2018	Graduate Teaching Fellows Federation, University of Oregon
2013 – 2018	EMPL PhD Student Group Member, University of Oregon