Hyekyung Park

Email: hyekpark@iu.edu

Indiana University
Psychological and Brain Sciences
1101 E 10th St, Bloomington, IN 47405

RESEARCH POSITION

2024 – Present   **Postdoctoral Fellow**
Indiana University, Bloomington, IN
Supervisor: Dr. Elizabeth A. Gunderson

EDUCATION

2020 – 2024   **Ph.D. Psychology**
The Ohio State University, Columbus, OH
Dissertation: *Sources of Error in Numerical Estimation: Insights from the Wisdom of Crowds Effect*
Advisor: Dr. John E. Opfer

2018 – 2020   **M.A. Psychology**
The Ohio State University, Columbus, OH
Thesis: *Toward a Comprehensive Developmental Theory for Symbolic Magnitude Understanding*
Advisor: Dr. John E. Opfer

2014 – 2017   **M.A. Psychology**
Sogang University, Korea
Thesis: *The Development of Inductive inference and Categorization: Psychological essentialism in preschool children*
Advisor: Dr. Geunyoung Kim

2011 – 2014   **B.A. English Literature**
B.A. Psychology
Sogang University, Korea
Magna Cum Laude

PUBLICATIONS

Park, H., & Opfer, J. E. (in prep.). Time Required for Judgments of Numerical Inequality:

An Overlapping Waves Perspective.

Park, H., & Opfer, J. E. (2023). Children are Not Just Noisy Adults: Disentangling Noise and Bias in Numerical Estimation. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 45, 1379 - 1385.

Park, H., & Opfer, J. E. (2022). Number, not uncertainty, drives logarithmic compression of numerosity estimates. *Journal of Vision*, 22(14), 3107-3107.

Park, H., & Opfer, J. E. (2021). Toward a Comprehensive Developmental Theory for Symbolic Magnitude Understanding. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43, 1628 - 1634.

Park, H., & Kim G. (2018). The Development of Inductive Inference and Categorization. *The Korean Journal of Developmental Psychology*, 31(1), 25-49.

Kim, G., Kim Y., **Park, H.,** & Kim, G. (2016). A prospective study on early English education and Korean children's English proficiency: When cognitive, personality and parental factors are controlled. *Journal of the Korea Academia-Industrial cooperation Society, 17*(11), 552-562

PRESENTATIONS

Park, H., & Opfer, J. E. (2024, March). Sources of Error in Numerical Estimation: Insights from the Wisdom of Crowds Effect. *The biennial meeting of the Cognitive Development Society*, Pasadena, CA.

Park, H. (2023, July). Relation between Perceptual Entropy and Symbolic Numeral Representation. *The 45th Annual Conference of the Cognitive Science Society*, Sydney, Australia.

Park, H., & Opfer, J. E. (2023, July). Children are Not Just Noisy Adults: Disentangling Noise and Bias in Numerical Estimation. *The 45th Annual Conference of the Cognitive Science Society*, Sydney, Australia.

Park, H., & Opfer, J. E. (2022, May). Number, Not Uncertainty, Drives Logarithmic Compression of Numerosity Estimates. *Vision Sciences Society Annual Meeting*, St. Pete Beach, FL.

Park, H., & Opfer, J. E. (2021, July). Toward a Comprehensive Developmental Theory for Symbolic Magnitude Understanding. *The 43rd Annual Conference of the Cognitive*

Science Society, Virtual

Park, H., & Opfer, J. E. (2021, April). Association Between Symbolic and Nonsymbolic Representations of Number Across Development. *The biennial meeting of the Society for Research in Child Development*, Virtual

Park, H., & Opfer, J. E. (2019, October). Reconciling "Symbolic Estrangement" and Knowledge of Symbolic Magnitude. *The biennial meeting of the Cognitive Development Society*, Louisville, KY.

TEACHING EXPERIENCE

2021 – 2024   **Instructor of Record**
              The Ohio State University, Columbus, OH
              Course: Introduction to Psychology

2019 – 2021   **Teaching Assistant**
              The Ohio State University, Columbus, OH

PROFESSIONAL MEMBERSHIPS

Cognitive Development Society
Cognitive Science Society
Society for Research in Child Development
Mathematical Cognition and Learning Society

PROGRAMMING SKILLS

Programming experiments with MATLAB (Psychtoolbox-3) and JavaScript (jsPsych)
Behavioral data analysis on R and SPSS.

REFERENCES

Elizabeth A. Gunderson, Ph.D.
       Professor, Department of Psychological and Brain Sciences
       Indiana University, Bloomington, IN
       eagunder@iu.edu

John E. Opfer, Ph.D.
       Professor, Department of Psychology
       The Ohio State University, Columbus, OH
       opfer.7@osu.edu