Stanford

Yunji Park

Postdoctoral Scholar, Psychiatry

Bio

PROFESSIONAL EDUCATION

- Master of Science, University of Wisconsin Madison (2019)
- Ph.D., University of Wisconsin - Madison , Educational Psychology, Human Development (2021)

STANFORD ADVISORS

- Vinod Menon, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Neurodevelopmental commonalities in cognitive control networks for mathematics and reading in meta-analysis of 3308 participants.** *Nature communications*
  Ünal, Z. E., Park, Y., Simsek, E., Menon, V., Geary, D. C.
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- **Developmental Changes in Nonsymbolic and Symbolic Fractions Processing: A Cross-Sectional fMRI Study.** *Developmental science*
  Park, Y., Kalra, P. B., Chuang, Y. S., Binzak, J. V., Matthews, P. G., Hubbard, E. M.
  2025; 28 (5): e70042
- **Distinct neural representational changes following cross-format number tutoring in children with mathematical difficulties.** *NPJ science of learning*
  Park, Y., Zhang, Y., Schwartz, F., Iuculano, T., Chang, H., Menon, V.
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- **Math language matters: math-specific verbal skills, not analog representation of non-symbolic magnitudes, predict symbolic fraction abilities in primary school children.** *Journal of experimental child psychology*
  Park, Y., Matthews, P. G.
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- **Short-term number sense training recapitulates long-term neurodevelopmental changes from childhood to adolescence.** *Developmental science*
  Park, Y., Zhang, Y., Chang, H., Menon, V.
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- **Integrated number sense tutoring remediates aberrant neural representations in children with mathematical disabilities.** *bioRxiv : the preprint server for biology*
  Park, Y., Zhang, Y., Schwartz, F., Iuculano, T., Chang, H., Menon, V.
  2024
- **More than the sum of its parts: Exploring the development of ratio magnitude versus simple magnitude perception** *DEVELOPMENTAL SCIENCE*

Park, Y., Viegut, A. A., Matthews, P. G.
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- **Developmental changes in the relationship between magnitude acuities and mathematical achievement in elementary school children** *EDUCATIONAL PSYCHOLOGY*
  Park, Y., Cho, S.
  2017; 37 (7): 873-887