

Mee-Kyoung Kwon

University of Utah Asia Campus
Assistant Professor (Lecturer)

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University of Utah, Department of Psychology, U838
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EDUCATION AND TRAINING

Postdoctoral scholar

Autism Center of Excellence, University of California, San Diego, CA, USA. 2015.4 to 2017.2 (P.I.: Karen Pierce)

Center for Mind and Brain, University of California, Davis, CA, USA. 2012.4 – 2014.12 (P.I.: Dr. Lisa Oakes, Co P.I.: Dr. Steven Luck)

Ph.D. Psychology

The University of Chicago, Chicago, IL, USA, 2005. 12 – 2011. 12

(Advisors: Susan C. Levine (Chair), Susan Goldin-Meadow, Steven Shevell, & Amanda Woodward (reader))

M.A., Psychology

The University of Chicago, Chicago, IL, USA, 2003. 9 – 2005. 12

(Advisors: Vera Maljkovic (Chair), Howard Nusbaum, & Steven Shevell)

M.A., Psychology

Yonsei University, Seoul, South Korea, 2000. 3 – 2002. 2

(Advisors: Min-Shik Kim (Chair), Kwang-Hee Han, & Chan-Sup Chung)

B.A., Psychology & English literature

Yonsei University, Seoul, South Korea, 1996. 3 – 2000. 2

TEACHING EXPERIENCE

Assistant Professor (Lecturer)

The University of Utah Asia Campus, Incheon, South Korea

“General Psychology”, Fall 2019

“Statistics of Psychology”, Fall 2019, Spring 2020, Fall 2020, Spring 2021

“Skepticism and Scientific Thinking”, Summer 2020

“Infancy in Development”, Fall 2019, Fall 2020

“Children and Adolescence”, Spring 2020, Fall 2020, Spring 2021, Fall 2021

“Cognitive Psychology”, Spring 2021, Fall 2021

“Research Experience”, Fall 2020, Spring 2021, Fall 2021

“Internships in Psychology”, Spring 2020

“Public Health Practicum” (as an onsite supervisor), Summer 2020

“Leadership Practicum” (as an onsite supervisor), Fall 2020

Visiting professor

Ulsan National Institute of Science and Technology, Ulsan, South Korea

“Cognitive Science” (Division of General Studies), Spring 2017 to Summer 2019

3 sessions per semester

Teaching professor

University of California, Davis, CA, USA

“Infancy and Early Childhood” (for Human Development majors), Winter 2015.

Instructor

University of California, Davis, CA, USA

“Cognitive Development” (for Psychology and Human Development majors),
Summer 1, 2014.

Yonsei University, South Korea

“Introduction of Psychology” (for Medical school freshmen), Spring 2003.

“Introduction of Psychology” (for Psychology majors), Fall 2002.

Catholic University, South Korea

“Cognitive Psychology” (for Psychology majors), Fall 2002.

“Cognitive Psychology” (for Continuing Education students), Fall 2002.

Teaching Assistant

The University of Chicago, Chicago, IL

“Biological Psychology”, Winter 2011.
“Sensation and Perception”, Winter 2010.
“Sensation and Perception” Winter 2009.
“Experimental Design”, Spring 2008.
“Psychological Research Methods”, Spring 2008.
“Sensation and Perception”, Winter 2007. Winter 2008.
“Psychological Statistics”, Winter 2007. Winter 2008.

Yonsei University, Seoul, South Korea

“Advanced Cognitive Psychology” (for Dr. Min-Shik Kim), Spring 2001.
“Cognitive Psychology” (for Dr. Min-Shik Kim), Fall 2000.
“Psychology in Learning” (for Dr. Min-Shik Kim), Spring 2000.

LICENSES/CERTIFICATES

Developmental Psychologist Supervisor (License No. 20-1-1-03) (<https://baldal.or.kr/36>).
Korean Society of Developmental Psychology, South Korea, 2020

Licensed Developmental Expert (License No. Bal20-1-2-03),
Korean Society of Developmental Psychology, South Korea, 2020

ADOS -2 Workshop, Seoul, South Korea, 2017

Teaching Certificate for Middle to High School
Education Department of Yonsei University, Seoul, South Korea, 1999 (Subject: English)

Completion of Teaching-Related Courses/Workshops

An Introduction to Evidence-Based Undergraduate STEM, CIRTL Network MOOC,
December, 2016

Learner-centered teaching, University of California, Davis, July, 2013

PUBLICATIONS: PEER-REVIEWED PAPERS

Pomaranski, K., Hayes, T., **Kwon, M.**, Henderson, J. & Oakes, L. (2021). Developmental changes in natural scene viewing in infancy. *Developmental Psychology*. 57(7), 1025–1041. <https://doi.org/10.1037/dev0001020>

- Park, J., Lee, J., & **Kwon, M.** (2021). Differences in executive function between ASD and ADHD: A review of studies from the past 10 years. *Journal of cognitive Enhancement and Intervention*, 12(2), 49-69. [Corresponding author] [Both first author and second author are undergraduate students of UAC]
- Song, H., **Kwon, M.**, Park, M. & Chung, H. (2020). Basic auditory processing in the children with autistic features. *Applied Neuropsychology: Child*. 9(2):106-115. doi: 10.1080/21622965.2018.1532293
- Lee, S. & **Kwon, M** (2019). Considerations in the Context of Investigative Interview Focused on the Cognitive Characteristics of Autism Spectrum Disorders : Review of the Literature. *The Korean Association of Police Science Review*, 83-118.
- Baek, J. & **Kwon, M** (2019). Developmental Changes of Top-down Attentional Modulation in Saliency Model. *The Korean Journal of Cognitive and Biological Psychology*, 31, 265-273. [Corresponding author]
- Kwon, M.**, Moore, A., Barnes, C., Cha, D., & Pierce, K. (2019). Typical levels of fixation towards the eye region in ASD toddlers across multiple contexts, *the Journal of American Academy of Child and Adolescent Psychiatry*, 58, 1004-1015. doi.org/10.1016/j.jaac.2018.12.011
- Congdon, E., **Kwon, M.**, & Levine, S. (2018). Learning to measure through action and gesture: Children's prior knowledge matters, *Cognition*, 182 ~ 190. doi: 10.1016/j.cognition.2018.07.002
- Kwon, M.**, Chung, H., & Song, H. (2018). Characteristics of Visuo-Spatial Information Processing in Children with Autism Spectrum Disorder. *Korean Journal of the Science of Emotion & Sensibility*, 21, 125-136. doi:10.14695/KJSOS.2018.21.2.125
- Kwon, M.** & Kim, M. (2016). Individual differences in cognitive control and selective attention: object-based attention and location-based attention. *The Korean Journal of Cognitive and Biological Psychology*, 28, 309-326.
- Kwon, M.**, Setoodehnia, M, Baek, J, Luck, S.J., & Oakes, L.M. (2016). The Development of Visual Search in Infancy: Attention to Faces versus Salience. *Developmental Psychology*, 52, 537-555. doi: 10.1037/dev0000080
- Mang, S., Jeong, Y., & **Kwon, M.** (2014). Development of Executive Function and its relation to Mathematical Ability: Scale and Graph Understanding. *The Korean Jour*

nal of Developmental Psychology, 27, 95-115.

Kwon, M., Luck, S., & Oakes, L. (2014). Visual short-term memory for complex objects in 6- and 8-month-old infants. *Child Development, 85, 564–577.* doi: 10.1111/cdev.12161

Kim, J., Jeong, Y., & **Kwon, M.** (2012). Children's Encoding of Absolute Size of Continuous Quantity and its Relation to Executive Function. *The Korean Journal of Developmental Psychology, 25, 43-62.*

Levine, S., **Kwon, M.,** Huttenlocher, J., Ratliff, K., & Dietz, K. (2009). Children's Understanding of Ruler Measurement and Units of Measure: A Training Study. *Proceedings of the 31st Annual Meeting of the Cognitive Science Society, Amsterdam, The Netherlands, 2391-2395.*

Song, H., Oh, K., Min, S., Kim, M., **Kwon, M.,** & Chang, J. (2004). Inhibition of Return and Symptom of Schizophrenic Patients. *Korean Journal of Clinical Psychology, 23, 905-918.*

Song, H., **Kwon, M.,** Oh, K., Kim, M., Ha, E., & Shin, M. (2004). Inhibition of Return Deficit of ADHD. *Korean Journal of Clinical Psychology, 23, 243-251.*

Kwon, M., & Kim, M. (2002). Object Effects and Grouping Effects on Moving Objects. *Korean Journal of Experimental & Cognitive Psychology, 14, 345-358.*

PUBLICATIONS: BOOK

Song, H., **Kwon, M.,** Ki, P., & Jin, K. (2021). Recent studies on developmental psychology. Sapyoung. Published, 01/04/2021. (ISBN : 9791189946890).

CONFERENCE PRESENTATIONS

Lee, E., Park, W., & Kwon, M. (April, 2021). Koreans' beliefs, as revealed by online searches, regarding the symptoms of autism spectrum disorder. *Poster Presentation at the Biennial Virtual Meeting of Society of Research in Child Development 2021. (The first and second authors are UAC students and received a special designation at the Biennial as a Strategic Poster)*

Kwon, M. (January, 2021). Atypical Sensory Abilities of Children with Autism Spectrum Disorder and Its Implications on Remote Therapies. *Invited Talk at the Annual*

Virtual Conference of National Association of Korean Music Therapists, Korea.

- Kwon, M. (November, 2020). Family Stress and Autism Spectrum Disorder: *Invited Talk at the Annual Virtual Conference of Korean Society of Developmental Psychology, Korea.*
- Kwon, M. (December, 2019). Characteristics of Children with Autism Spectrum Disorder and Implications of Lab-based Research. *Invited Talk at the Annual Conference of Korean Cognitive Enhancement and Intervention, Donga University, Busan, Korea.*
- Kwon, M.. (August, 2019). Face Perception in Toddlers with Autism Spectrum Disorder. *Oral presentation at the Annual Conference of Korean Psychological Association, Sejong University, Seoul, Korea.*
- Kwon, M. (August, 2019). Recent Findings about Autism. *Invited Talk at the Annual Workshop of Korean Society of Developmental Psychology, SungKyunKwan University, Seoul, Korea.*
- Song, H., Kwon, M. & Park, M. (August, 2018). The Validation Study of a New Auditory Go-NoGo Task. *Poster presentation at the Annual Meeting of American Psychological Association, San Francisco, CA, USA.*
- Kwon, M., Song, H. & Chung, H. (May, 2018). Typical and Atypical Visuo-Spatial Information Processing in Korean Children with Autism Spectrum Disorder. *Poster presentation at the Annual Meeting of International Meeting for Autism Research, the de Doelen ICC Rotterdam, Netherlands.*
- Kwon, M. & Song, H. (February, 2018). Characteristics of Visual Processing in Korean Children with Autism Spectrum Disorder. *Oral presentation at the Annual Conference of Korean Society for Cognitive and Biological Psychology, SungKyunKwan University, Seoul, Korea.*
- Kwon, M. (November, 2017). Autism Spectrum Disorder and Executive Functions. *Invited Talk at the Annual Conference of Korean Society of Developmental Psychology, SungKyunKwan University, Seoul, Korea.*
- Beckner, A., Kwon, M., & Oakes, L. (October, 2017). The effect of Stimulus Features on Infants' Apparent Visual Short-term Memory Capacity. *Poster presentation at the 10th Biennial Meeting of Cognitive Development Society, Portland, OR, USA.*
- Kwon, M. & Oakes, L. (August, 2017). Infants' Ability to Discriminate between Own-race and Other-race Faces. *Oral presentation at the Annual Conference of Korean Psychological Association, Sejong University, Seoul, Korea.*

- Song, H., Kwon, M., Park, M., & Chung, H. (August, 2017). Basic Auditory Processing and Processing Speed in the Children with Autism Spectrum Disorder. *Poster presentation at the 20th Annual Meeting of the Korean Society for Brain and Neural Science, Grand Hilton, Seoul, Korea.*
- Pomaranski, K., Kwon, M., & Oakes, L. (April, 2017). Computational Models of Saliency Predict Eye Gaze Differently for Infants and Adults. *Poster presentation at the Biennial Meeting of Society of Research in Child Development, Austin, TX, USA.*
- Kwon, M., Moore, A. & Pierce, K. (May, 2016). Revisiting Fixation toward Eye and Mouth Region in ASD Toddlers from the General Population: Cross Sectional and Longitudinal Analyses. *Poster presentation at the Annual Meeting of International Meeting for Autism Research, Baltimore, MA, USA.*
- Song, H. & Kwon, M. (May, 2016). Basic Auditory Processing Difficulty in the Youth with Autistic Feature. *Poster presentation at the Annual Meeting of International Meeting for Autism Research, Baltimore, MA, USA.*
- Cantrell, L., Kwon, M., & Oakes, L. (May, 2016). Signal Clarity for Infant Numerical Representation: the role of non-quantity dimensions. *Poster presentation at the Biennial Meeting of International Conference on Infant Studies, New Orleans, LA, USA.*
- Kwon, M., Luck, S., & Oakes, L. (March, 2015). Development of infants' short-term memory for simple shapes during the first year of life. *Poster presentation at the Biennial Meeting of Society of Research in Child Development, Philadelphia, PA, USA.*
- Kwon, M., Luck, S., & Oakes, L. (May, 2014). Effects of Eccentricity on Infants' Change Preference in a VSTM Task. *Poster presentation at the 14th Annual Meeting Vision Sciences Society, St. Pete Beach, FL, USA.*
- Kwon, M., Setoodhenia, M.A., & Oakes, L. (October, 2013). The effect of other- versus same-race faces on infants' visual attention: A visual search task. *Poster presentation at the 8th Biennial Meeting of Cognitive Development Society, Memphis, TN, USA.*
- Jeong, Y., & Kwon, M. (October, 2013). Cross-cultural differences in perception and memory. *Poster presentation at the 8th Biennial Meeting of Cognitive Development Society, Memphis, TN, USA.*
- Kwon, M., Setoodhenia, M.A., & Oakes, L. (May, 2013). Infants prefer faces to non-faces but their face processing is not always automatic. *Oral presentation at the 13th Annual Meeting Vision Sciences Society, Naples, FL, USA.* (Abstract was published in *Journal of Vision*, 2013).

- Kwon, M., Luck, S., & Oakes, L. (April, 2013). Six-to eight-month-old infants' visual short-term memory for complex objects. *Poster presentation at the Biennial Meeting of Society of Research in Child Development, Seattle, WA, USA.*
- Kwon, M., Setoodhenia, M.A., & Oakes, L. (April, 2013). Four- and eight-month-old infants' selective attention to faces in complex arrays: an eye-tracking study. *Poster presentation at the Biennial Meeting of Society of Research in Child Development, Seattle, WA, USA.*
- Levine, S., Congdon, E., Kwon, M., & Ping, R. (September, 2012). The role of embodiment in children's understanding of units of measure. *Symposium presentation at the 5th International Conference on Spatial Cognition, Rome, Italy.* (Abstract published in *Cognitive Processing* (2012), 13, S3-S5).
- Kwon, M., & Oakes, L. (August, 2012). Six- to eight-month-old infants' visual short-term memory (VSTM) capacity. *Oral presentation at the 9th Annual Bay Area Memory Meeting, Davis, CA, USA.*
- Congdon, E., Kwon, M., Ping, R., & Levine, S. (July, 2012). The Efficacy of Using Gestures Versus Objects in Improving Children's Understanding of Linear Measurement. *Poster presentation at the Fifth Conference of the International Society for Gesture Studies: The communicative body in development, Lund, Sweden.*
- Kwon, M., & Levine, S. (October, 2011). Young children's ability to remember information about absolute extent. *Poster presentation at the Seventh Biennial Meeting of Cognitive Development Society, Philadelphia, PA, USA.*
- Congdon, E., Kwon, M., Ping, R., & Levine, S. The role of gesture versus action in improving children's understanding of linear measurement.
- *Poster presentation at the Seventh Biennial Meeting of Cognitive Development Society, Philadelphia, PA, USA.* (October, 2011).
 - *Poster presentation at the Annual Site Visit, Philadelphia, PA, USA.* (May, 2011).
- Kwon, M., Levine, S., Ratliff, K. & Snyder, C. (July, 2011). The importance of alignable differences in teaching linear measurement. *Poster presentation at the 33rd Annual Conference of the Cognitive Science Society. 2011, Boston, MA, USA.*
- Kwon, M., Levine, S., & Ratliff, K. (May, 2011). Approaches to Teaching Linear Measurement Using Alignable Differences: Sequential Versus Simultaneous Presentations. *Poster presentation at the Annual Site Visit, Philadelphia, PA, USA.*
- Levine, S., Goldin-Meadow, S., Ping, R., Gunderson, E., Kwon, M., Congdon, E., & Spaepen,

- E. (May, 2011). Enhancing spatial learning in early mathematics curricula. *Poster presentation at the Annual Site Visit, Philadelphia, PA, USA.*
- Kwon, M., Jeong, Y., & Levine, S. (August, 2010). The role of conventional number knowledge in young children's nonverbal number matching: Is two special? *Poster presentation at the 32nd Annual Conference of the Cognitive Science Society, 2010, Portland, OR, USA.*
- Kwon, M., Levine, S., & Ratliff, K. (August, 2010). SES-Related Gap in Measurement Achievement: How to Teach Children from Low- and High-Income Families. *Poster presentation at the 3rd Annual Meeting of Spatial Cognition, Mt. Hood, OR, USA.*
- Kwon, M., Levine, S. & Jeong, Y. (May, 2010). Acquiring Two Number Words Facilitates Young Children's Nonverbal Number Matching. *Poster presentation at the Third Annual Inter-Science of Learning Center Student and Post-Doc Conference 2010, Boston, MA, USA.*
- Kwon, M., Ratliff, K., Levine, S., & Huttenlocher, J. (April, 2010). The Role of Structural Alignment in Learning Units of Measure. *Oral presentation at the Annual Meeting of Midwestern Psychological Association, Chicago, IL, USA.*
- Kwon, M., Levine, S., Suriyakham, L., & Ehrlich, S. (August, 2009). Infants' sensitivity to quantity: Number, continuous extent, or both? *Poster presentation at the First Annual Meeting of International Conference on Asia Pacific Psychology, Yonsei Univ., Seoul, Korea.*
- Ratliff, K., Levine, S., Dietz, K., Kwon, M., & Huttenlocher, J. (April, 2009). Improving Children's Understanding of Units of Measure: A Training Study. *Poster presentation at the Biennial Meeting of Society of Research in Child Development, Denver, CO, USA.*
- Kwon, M., Levine, S., Suriyakham, L., & Ehrlich, S. (April, 2009). Infants' sensitivity to quantity: Number, continuous extent, or both? *Poster presentation at the Biennial Meeting of Society of Research in Child Development, Denver, CO, USA.*
- Kwon, M., Levine, S., Ratliff, K., Levine, S., Dietz, K., & Huttenlocher, J. (February, 2009). Improving children's understanding of units on a ruler.
- *Poster presentation at the annual SILC Advisory meeting 2009, University of Chicago, IL, USA.*
 - *Poster presentation at the Second Annual Inter-Science of Learning Center Student and Post-Doc Conference 2009, Seattle, WA, USA.*
- Ratliff, K., Levine, S., Kwon, M., Dietz, K., & Huttenlocher, J. (November, 2008). Improving

Children's Understanding of Units of Measure: A Training Study. *Abstract presented at the Spatial Learning in Geography Workshop, National Geographic Society, Washington D.C., USA.*

Ratliff, K., Dietz, K., Kwon, M., Levine, S., & Huttenlocher, J. (October, 2008). Improving Children's Understanding of Units of Measure: A Training Study. *Poster presentation at the 2008 Science of Learning Centers annual meeting, Washington D.C., USA.*

Kwon, M., & Levine, S. (September, 2007). Nonverbal number matching in young children: Effects of gesture and conventional number knowledge. *Poster presentation at the Fifth Biennial Meeting of Cognitive Development Society, Santa Fe, NM, USA.*

Kwon, M., & Kim, M. (January, 2002). Object Effects Mediated by Location-Based Selection: evidence from inhibition of return at moving objects. *Oral presentation at the Annual Conference of Korean Society of Experimental & Cognitive Psychology, Yonsei Univ., Seoul, Korea.*

Kwon, M., & Kim, M. (August, 2001). Object Effects Mediated by Location-Based Selection. *Poster presentation at the 3rd International Conference on Cognitive Science, Beijing, China.*

Kwon, M., & Kim, M. (June, 2001). Object-driven Spatial Attention: Evidence from Moving Objects. *Oral presentation at the Annual Conference of Korean Brain Society, Soongsil Univ., Seoul, Korea.*

CONFERENCES ORGANIZED AND INVITED PANEL DISCUSSIONS

Digital, Environment, and Human Development. Annual Virtual Conference of Korean Society of Developmental Psychology, Korea. (November, 2021). *(Chair)*

Smart Thinking for Safe Environments for Preschoolers and Kindergartners. Ministry of Science and ICT of Korea, Yonsei University, Korea (October, 2021). *(Panel)*

Anxiety, psychological difficulties, and resilience from early childhood to late adulthood. Symposium (Developmental Psychology) at the Annual Virtual Conference of Korean Society of Psychology (August, 2021). Korea. *(Chair)*

Development of Longitudinal Panel Data of Korean Children. Korea Institute of Child Care & Education, Korea (January, 2021). *(Panel)*

Current Research Grants

Science Walden Project (Co-I.; PI: Jaewon Cho. Funded by National Research Foundation of

Korea). 08/01/2019 - 02/28/2022. Total project budget: \$3,540,000. My share project budget: \$48,700 Interdisciplinary. Undergraduate Involvement (5 UAC students were hired as paid research assistants)

Development of individualized and accurate diagnosis and prognosis prediction system for patients with neurodevelopmental disorders. (Co-I.; PI: Bung-Nyeon Kim. Funded by National Research Foundation of Korea). 07/01/2020 - 12/31/2024. Total project budget: \$1,909,710. My share project budget: \$56,867.

Interdisciplinary. Undergraduate Involvement (4 UAC students were hired as paid research assistants)

AWARDS, HONORS AND FELLOWSHIPS

Best Faculty of the Year Award of 2019-2020, the University of Utah, Asia Campus, 2020
Travel Fellowship award from the Center for Vision Sciences at University of California,
Davis, 2013, 2014

Norman Anderson Research Fellowship, 2011

Doolittle-Harrison Travel Award, 2010

Spatial Intelligence Learning Center Travel Award (Summer), 2009, 2010, 2011

University Endowed Scholarship, University of Chicago, 2003-2007

Psychology Graduate Student Organization (PGSO) Travel award to Cognitive
Development Society (Santa Fe, NM), University of Chicago, 2007

Psychology Graduate Student Organization (PGSO) Research Funding, University of
Chicago, 2006

Ambassadorial Fellowship, Rotary International, 2003

The Scholarship for Students Excellence, Yonsei University, 2001

President's list, University of South Carolina, 1999

Yonsei Scholarship, Yonsei University, 1997

PROFESSIONAL SERVICE AND ACTIVITIES

Chair of the Executive committee of the Korean Society of Developmental Psychology, 2021-present

Executive committee of the Korean Society of Developmental Psychology, 2019-Present

Committee of the Society for Cognitive Enhancement and Intervention, 2019-present

Committee of Scientific Affairs of the Korean Society of Developmental Psychology, 2019-

2020

Associate editor of the Korean Journal of Developmental Psychology, 2015-2018

Reviewer/ Guest Reviewer for

- Journal of Autism and Developmental Disorders, 2018-present
- Journal of Cognition and Development, 2016-present
- Behavioral Research Methods, 2014 – present
- Frontiers in Psychology, 2019
- Cognitive Science Society, 2011 – 2015
- Infant Behavior and Development, 2012
- Korean Journal of Developmental Psychology, 2013-present
- Korean Journal of Cognitive Science, 2012- present
- Korean Journal of Children's Media, 2017-2018
- Korean Journal of Biological Psychiatry, 2018
- Korean Journal of Psychology: General, 2018
- Korean Journal of Cognitive and Biological Psychology, 2014-2016

PROFESSIONAL MEMBERSHIPS

International:

International Society of Autism Research (INSAR)

American Psychological Association (APA)

Cognitive Development Society (CDS)

Cognitive Science Society (CSS)

Society for Research in Child Development (SRCD)

Visual Science Society (VSS)

Korean:

The Korean Society for Developmental Psychology

The Korean Society for Cognitive Enhancement and Intervention

Korean Society for Cognitive and Biological Psychology

The Korean Society for Emotion & Sensibility

The Society for Cognitive Enhancement and Intervention

Korean Psychological Association of Culture and Social Issues