

CURRICULUM VITAE

Minwoo JB Kim

Cognitive Scientist

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RESEARCH INTEREST

Cognitive Neuroscience, Visual Attention, Emotion and Cognition Interaction, Cognitive Control, Cognitive Dysfunction. Event-Related Potentials, and Computer Mouse Tracking

ACADEMIC APPOINTMENTS

UNIST	Ulsan, ROK
Post-doctoral Fellow, Department of Biomedical Engineering	2023 – Present
Seoul National University	Seoul, ROK
Post-doctoral Fellow, Department of Brain & Cognitive Sciences	2021 – 2023

EDUCATION

University of Delaware	Newark, DE
- Ph.D. Cognitive Psychology (Advisor: James E. Hoffman)	2016 - 2021
- Dissertation: Can emotionally salient singletons be suppressed?	
Korea University	Seoul, ROK
- M.S. in Cognitive Psychology (Advisor: Yang Seok Cho)	2010 - 2016
- Thesis: The modulating effect of emotional valence on the speed of involuntary attentional capture.	
- Misc.: <i>Military Service During the Program (1st Lieutenant in Public Affairs, ROK Air Force)</i>	
Korea University	Seoul, ROK
- B.A. Psychology (Advanced)	2005 - 2010

GRANTS & AWARDS

NRF Post-Doctoral Domestic Training Grant 180,000,000 KRW / 140,000 USD	2022 - 2023
- Cognitive Shielding: Investigation of Depression and Anxiety Related Deficits in Attention and Memory Functions, Their Measurement, and Preventative Digital Training.	
U of Delaware Doctoral Fellowship 4,000 USD	2020
U of Delaware Graduate Office Travel Awards 500 USD	2017, 2018
U of Delaware Psychology Department Travel Awards 500 USD	2017, 2017, 2018, 2019
Korea U, BK 21 Graduate Student Research Proposal Competition 1 st Place	2010

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PUBLICATION

Published

- Baker, A. L., **Kim, M.**, & Hoffman, J. E. (2021). Searching for emotional salience. *Cognition*, 214, 104730.
- Hoffman, J. E., **Kim, M.**, Taylor, M., & Holiday, K. (2020). Emotional capture during emotion-induced blindness is not automatic. *Cortex*, 122, 140-158.
- Kim, M.**, & Cho, Y. S. (2016). The modulating effect of emotional valence on the speed of involuntary attentional capture. *The Korean Journal of Cognitive and Biological Psychology*, 28(2), 285-308.
- Kim, M.**, Choi, J. S., Cho, Y. S. (2011). The Korea University Facial Expression Collection (KUFEC) and semantic differential ratings of emotion. *Korean Journal of Psychology: General*, 30(4), 1189-1211.

In Preparation

- Kim, M. J. B.**, (submitted). Capture of Spatial Attention by Emotional Salience Can be Suppressed, but at a Cost.
- Aul C., **Kim, M. J. B.**, Stibolt, O., Lompadó, A., Hoffman, J. E., (submitted). Access to Meaning in Visual Scenes Depends on Conscious Awareness
- Kim, M. J. B.**, Aul, C. & Hoffman, J. E. (in preparation). Emotional Salience do not capture but automatically calls for attention.
- Kim, M. J. B.**, Kim, M. S., Song, H., Lee, S. A. (in preparation) Emotional Sounds Modulate Cognitive Control While Driving.

CONFERENCE PRESENTATIONS

Conference Talks

- Kim, M.**, & Hoffman, J. E. (2022, Feb). *Can emotional singletons be suppressed?* Talk session presented at the 2022 annual meeting of Korean Society for Cognitive and Biological Psychology, Presented Online.
- Kim, M.**, & Hoffman, J. E. (2021, Nov). *Can emotionally salient singletons be suppressed?* Talk session presented at the 29th annual meeting of OPAM, Presented Online.

Poster Presentations

- Kim, M. J. B.**, Kim, M. S., Song, H., Lee, S. A. (2023, Oct) *Emotional Sounds Modulate Cognitive Control While Driving*. Poster session presented at the Biannual Meeting of Korean Society of Human Brain Mapping (KHBM), Suwon, Republic of Korea.
- Lee, J., Rheem, H., Cho, Y. S., **Kim, M.** (2022, Nov) *Time-Frequency Analyses of EEG for Investigating the Control of Simon Conflict in Mouse-Tracking*. Poster session presented at the 63rd Annual Meeting

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of Psychonomic Society, Boston, MA, U.S.

Lee, N., **Kim, M.**, & Cho, Y. S. (2022, Nov) *Different Patterns of the Delta Function in Mouse-Tracking Measures: The Location-, Arrow- and Word-Based Simon Tasks*. Poster session presented at the 63rd Annual Meeting of Psychonomic Society, Boston, MA, U.S.

Kim, M., Lobo, A., & Hoffman, J. E. (2019, Nov). *Without Physical Salience, Emotional Target Pictures Do Not Break Through the Attentional Blink*. Poster session presented at the 60th Annual Meeting of Psychonomic Society, Montreal, Quebec, Canada.

Kim, M., & Hoffman, J. E. (2018, Nov). *Non-salient emotional distractors still capture attention*. Poster session presented at the 59th Annual Meeting Psychonomic Society, New Orleans, LA.

Kim, M., & Hoffman, J. E. (2017, Nov). *Even with reduced physical salience, emotional pictures capture attention during multiple object tracking*. Poster session presented at the 25th annual conference of OPAM, Vancouver, BC, Canada.

Kim, M., Taylor, M., & Hoffman, J. E. (2017, May). *Emotional pictures automatically capture attention*. Poster session presented at the conference of Vision Science Society, St. Pete's Beach, FL.

Kim, J. S., Kim, J. Y., Lee, H. S., Choi, W. L., Fink., S., Leung, T., **Kim, M.**, & Cho, Y. S. (2016, Aug). *The Effects of Eye and Mouth Change in Processing Happy Face*. Poster session presented at the Korean Psychological Association Annual Meeting 2016, Gunsan, Republic of Korea.

Kim, M., Rheem, H. & Cho, Y. S. (2016, Jan). *Speed of involuntary attentional capture is determined by valence of emotional distractors*. Poster session presented at the 53rd Annual Conference of Korean Society for Cognitive and Biological Psychology, Jeju Island, Republic of Korea.

Kim, M., Kim, B. Y. & Cho, Y. S. (2011, Nov). *The role of arousal in automatic attentional capture triggered by negative distractor words*. Poster session presented at the 19th annual conference of OPAM, Seattle, WA.

Kim, M., & Cho, Y. S. (2010, Nov). *Distractor-target similarity determines emotional information processing in RSVP*. Poster session presented at the 18th Annual Conference of OPAM, St. Louis, MO.

TEACHING EXPERIENCE

Teaching Assistant

- Cognitive Neuroscience (University of Delaware: Spring 2020, Fall 2020, Spring 2021)
- Cognition (University of Delaware: Fall 2019)
- Introduction to Psychology (University of Delaware: Spring 2017, Fall 2018, Spring 2019)
- Research Methods (University of Delaware: Spring 2018)
- Undergraduate Level Statistics (University of Delaware; Fall 2016; Fall 2017)
- Attention & Response Selection (Korea University: Spring 2010, 2011; Fall, 2015)

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Guest Lecture

- Importance of programming in Psychology, Dept of Counseling Psychology, Cha University 21/11/18

Workshops

- Dept. of Brain & Cognitive Science EEG workshop, Event-Related Potentials Lecture 23/07/19

PROFESSIONAL AFFILIATIONS & SERVICES

Membership

- Member, Psychonomics Society
- KSBNS Korean Society for Brain and Neuroscience
- Vision Science Society

Ad-Hoc Reviews

- Korean Society for Cognitive and Biological Psychology
- Journal of Educational Policy (KJEP)

RESEARCH SKILLS

- **Python:** Experiment Design, Data analysis, Research app development etc.
- **Matlab:** Data analysis, EEG analysis etc.
- **Experiment Design and Development:** Psychopy, Online Experimentation: Mturk, Prolific
- Language: Korean (Native), English (Fluent)