

# Byung-Il Oh

Curriculum Vitae

Cell: +821050630038  
E-mail: bioh.inbox@gmail.com

## EDUCATION

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2019                      **B.A. in Psychology & B.S. in Convergence Software**  
Sungkyunkwan University

## ACADEMIC EMPLOYMENTS

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2015.02 – 2018.08      **Research Assistant**  
Department of Psychology, Sungkyunkwan University  
Advisor: Min-Suk Kang

Summer 2016            **Summer Internship**  
Center for Neuroscience Imaging Research, Institute of Basic Science  
Advisor: Jun-Yeol Lee

## PUBLICATIONS

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- 1) **Oh, B.-I.**, Kim, Y.-J., Kang, M.-S. (in prepration). Ensemble representations reveal distinct neural coding of visual working memory.
- 2) Son, G., **Oh, B.-I.**, Kang, M.-S., & Chong, S. C. (under review). Similarity-based clusters are representational units of visual working memory.
- 3) Kang, M.-S. & **Oh, B.-I.** (2016). Grouping influences output interference in short-term memory: a mixture modeling study. *Frontiers in Psychology*, 7:585, 1-6.

## POSTER PRESENTATIONS

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- 1) Kang, M.-S., **Oh, B.-I.**, & Kim, Y. (2018). Neural coding schemes of anterior and posterior brain regions in the formation of cluster representation in visual working memory. Poster presented at the 18th Annual Meeting of the *Society for Neuroscience*, SD., U.S.
- 2) Son, G., **Oh, B.-I.**, Kang, M.-S., & Chong, S. C. (2018). Similarity-based clusters are the representational units of visual working memory. Poster presented at the 18th Annual Meeting of the *Vision Science Society*, St. Pete Beach, FL., U.S.
- 3) **Oh, B.-I.** & Kang, M.-S. (2018). Cluster representation during maintenance in visual working memory. Poster presented at the 18th Annual Meeting of *Korean Society for Cognitive and Biological Psychology*, Suwon, Republic of Korea.
- 4) Son, G., **Oh, B.-I.**, Kang, M.-S., & Chong, S. C. (2018). Similarity-based clusters are the representational units of visual working memory. Poster presented at the 18th Annual Meeting of *Korean Society for Cognitive and Biological Psychology*, Suwon, Republic of Korea.
- 5) **Oh, B.-I.** & Kang, M.-S. (2017). Time is needed for memory to be biased toward an ensemble

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average. Poster presented at the 17th Annual Meeting of the *Vision Science Society*, St. Pete Beach, FL., U.S. Abstract published in *Journal of Vision*, 17(10), 350.

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## COMPUTATIONAL SKILLS AND TECHNIQUES

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**Primary:** MATLAB (+EEGLAB/FieldTrip), Python (+PyMC3), R (+Stan)

**Secondary:** C/C++, C#, Java, HTML/CSS, JavaScript, Django, MySQL, Unity, Arduino, Photoshop

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## CAMPUS ACTIVITY

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### **President**

Undergraduate Students Society of Cognitive Psychology  
Department of Psychology, Sungkyunkwan University  
2015.01 - 2015.12

### **Tutor**

Perception (PSY3008-01)  
Department of Psychology, Sungkyunkwan University  
Spring 2015

### **Tutor**

Brain, Mind, and Behavior (PSY3013-01)  
Department of Psychology, Sungkyunkwan University  
Fall 2016