

# Jiyeong Ha

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Stanford, CA, US

## Education & Professional Experiences

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| Sep. 2020-<br>Present   | <b>Stanford University</b><br>Research assistant (Advisor: Kalanit Grill-Spector)  |
| May 2018-<br>Aug. 2020  | <b>Center for Neuroscience Imaging Research (CNIR),<br/>Institute for Basic Science (IBS)</b><br>Lab manager (Advisor: Won Mok Shim)   |
| Mar. 2016-<br>Feb. 2018 | <b>Yonsei University</b><br>M.A. in Psychology (Advisor: Do-Joon Yi)<br>GPA: 3.82 / 4.0  |
| Mar. 2011-<br>Feb. 2016 | <b>Chung Ang University</b><br>B.A. in Psychology (cum laude)<br>GPA: 3.55 / 4.0, Psychology major GPA: 3.84 / 4.0<br>1 year of an exchange program at University of Leicester, UK |

## Research Experiences

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| Sep. 2020-<br>Present  | <b>Vision and Perception Neuroscience Lab, Stanford Univ.</b><br>Research assistant (advisor: Kalanit Grill-Spector) <ul style="list-style-type: none"><li>- Investigating structural development in the infant brain</li><li>- Examining how brain structure is associated with changes in category selectivities in ventral temporal cortex during childhood development using quantitative MRI</li></ul>  |
| May 2018-<br>Aug. 2020 | <b>Perceptual and Cognitive Neuroscience Lab, CNIR, IBS</b><br>Lab manager (advisor: Won Mok Shim) <ul style="list-style-type: none"><li>- Examined multisensory interaction between metaphorically related audiovisual inputs in primary visual cortex using fMRI and psychophysical methods</li><li>- Investigated the effects of attention on color representations in human LGN using fMRI in conjunction with an inverted encoding analysis</li><li>- Participated in hands-on training on layer-specific BOLD and vascular-space occupancy (VASO) fMRI studies at 7T MRI: Learn sequences, scan participants, preprocess ultra-high field imaging data and extract layer signals</li></ul> |

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| Mar. 2016-<br>Feb. 2018 | <b>Cognitive Neuroscience Lab, Yonsei Univ.</b><br>Graduate student (advisor: Do-Joon Yi) <ul style="list-style-type: none"> <li>- Investigated the effects of whether spatiotemporal continuity on object recognition is modulated by mid-level perceptual features using a population receptive field model for mid-ventral processing</li> <li>- Undertook a collaborative project on predicting subsequent memory success based on functional connectivity of default-mode network and cognitive control network using support vector machines</li> </ul> |
| Jun. 2012-<br>Aug. 2013 | <b>Developmental Cognitive Neuroscience Lab, Chung-Ang Univ.</b><br>Research assistant (advisor: Soo-hyun Cho) <ul style="list-style-type: none"> <li>- Administered paper-based mathematics achievement tests on approximate number acuity in elementary children</li> </ul>   |

## Honors

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| 2020      | <b>Best presenter award \$200, Korean Society for Cognitive &amp; Biological Psychology</b>                             |
| 2016-2018 | <b>Brain Korea 21+ Participation Scholarship \$9,500, Yonsei Univ.</b><br>funded by Ministry of Education, South Korea. |
| 2012      | <b>Academic Scholarship for high GPA, Chung Ang Univ.</b>   |

## Publications

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- Ha, J.,** Uddenberg, S., & Shim, W. M., Multisensory integration of metaphorically related audiovisual inputs in visual cortex. (*in prep.*)
- Ha, J.,** Park, S. Y., Hong, S. W., & Shim, W. M. Asymmetrical effect of spatial attention on color representation between lateral geniculate nucleus and primary visual cortex (*in prep.*)
- Ha, J.** (2018). The effects of spatiotemporal continuity and mid-level perceptual features of objects on Repetition Blindness (master's thesis). Yonsei University, Seoul, South Korea.

## Conference Presentations

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- Ha, J.,** & Shim, W. M. (2020) Multisensory integration of metaphorically related audiovisual inputs in visual cortex. *Oral presentation at the annual meeting of the Korean Society for Cognitive & Biological Psychology*, online.
- Ha, J.,** Kim, I., & Shim, W. M. (2019) Decoding melodic contours in early visual areas. *Poster presentation at the annual meeting of Society for Neuroscience*, Chicago, IL.
- Ha, J.,** Park, S. Y., Hong, S. W., & Shim, W. M. (2019) Spatial attention modulates color selectivity in human LGN. *Oral presentation at the annual meeting of the Korean Society for Cognitive & Biological Psychology*, Pyeongchang, South Korea.

**Ha, J.**, Park, H. K., Lee, Y., & Yi, D. J. (2018). Attentional capture by redundant visual information. *Poster presentation at the annual meeting of the Vision Sciences Society, St. Petersburg, FL.*

**Ha, J.**, & Yi, D. J. (2017). The effect of spatiotemporal continuity on face perception. *Poster presentation at the 2<sup>nd</sup> International Conference on Clinical and Counseling Psychology, Osaka, Japan.*

**Ha, J.**, Lee, H. S., Choo, Y. J., & Yi, D. J. (2017). Prediction of subsequent memory based on functional connectivity of the default-mode network and cognitive control network. *Poster presentation at the annual meeting of Korean Society for Cognitive Science, Seoul, South Korea.*

## Teaching Experiences

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| Fall 2016-<br>Spring 2017 | <b>Experimental Methods in Psychology, Yonsei Univ.</b><br>- Teaching assistant |
| Spring 2016               | <b>Introduction to Psychology, Yonsei Univ.</b><br>- Teaching assistant         |

## Diversity & Inclusion

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| Sep. 2020-<br>Present | <b>Diversity meetings</b><br>- Promoting diversity in STEM fields on a weakly basis   |
| Sep. 2020-<br>Present | <b>Stanford Psychology anti-racism book club</b><br>- <i>Killing Rage</i> by Bell Hooks<br>- <i>Biased</i> by Jennifer L. Eberhardt |

## Skills

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Programming: Python, Matlab, R, & Bash

Software: AFNI/SUMA, Freesurfer, pyMVPA, MrVista, ITK-SNAP, SPM, & ANTs

Operating System: UNIX/Linux & Mac OS X