

Curriculum Vitae  
**Youjin Jung**  
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Office Address  
Psychology Department  
Wayne State University  
5057 Woodward  
Detroit, MI 48202

## EDUCATION

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Wayne State University, Detroit, MI <b>Ph.D. student in Psychology (Behavioral and Cognitive Neuroscience)</b> Advisor: Jessica S. Damoiseaux, Ph.D.	2017 - present
Korea University, South Korea <b>M.Eng. in Brain and Cognitive Engineering</b> Advisor: Sang Hee Kim, Ph.D.	2013 - 2015
Korea University, South Korea <b>B.Home Economics in Home Economics Education, B.A in Psychology</b>	2008 - 2013

## RESEARCH EXPERIENCE

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<b>Research Assistant</b> Dept. of Physical Medicine and Rehabilitation, Korea University Anam Hospital, South Korea PI: Sung-Bom Pyun, M.D., Ph.D. <ul style="list-style-type: none"><li>Collected and analyzed the fMRI data, analyzed structural MRI data using VLSM (voxel-based lesion symptom mapping) and performed manual tractography with stroke patients' diffusion MRI data. Wrote manuscripts. Managed the database.</li></ul>	2015 - 2017
<b>Undergraduate/Graduate Research Assistant</b> Affective Cognition Lab, Korea University, South Korea PI: Sang Hee Kim, Ph.D. <ul style="list-style-type: none"><li>Designed experiments, developed experimental tasks, collected and analyzed behavioral and electrophysiological data.</li></ul>	2012 - 2015

## PUBLICATIONS

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**Jung, Y.**, Viviano, R. P., Rooden, S. V., van der Grond, J., Rombouts, S. A., & Damoiseaux, J. S. (2021). White matter hyperintensities and apolipoprotein E affect the association between mean arterial pressure and objective and subjective cognitive functioning in older adults. *Journal of Alzheimer's Disease*, 84(3), 1337-1350.  
<https://doi.org/10.3233/JAD-210695>

Pyun, S. B., Yoo, H. J., **Jung, Y. J.**, & Tae, W. S. (2019). Neuroanatomical predictors of dysphagia after stroke: voxel-based lesion symptom Mapping study. *Journal of the Korean Dysphagia Society*, 9(2), 68-76.  
<https://doi.org/10.34160/jkds.2019.9.2.003>

Lee, A., **Jung, Y.**, Kwon, H. K., & Pyun, S. B. (2018). Complex regional pain syndrome of non-hemiplegic upper limb in a stroke patient: A case report. *Annals of Rehabilitation Medicine*, 42(1), 175-179.

<https://doi.org/10.5535/arm.2018.42.1.175>

Chung, H., Lee, E. J., **Jung, Y. J.**, & Kim, S. H. (2016). Music-induced mood biases decision strategies during the ultimatum game. *Frontiers in Psychology*, 7. <http://dx.doi.org/10.3389/fpsyg.2016.00453>

Moon, H. I., **Jung, Y. J.**, Choi, S., Tae, W., Pyun, S. B. (2016). Effect of age on cortical activation during swallowing: An fMRI study. *Journal of Korean Dysphagia Society*, 6(1), 26-33. <http://pdf.medrang.co.kr/paper/pdf/Kdys/Kdys006-01-05.pdf>

## MANUSCRIPTS IN PROGRESS

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**Jung, Y.** & Damoiseaux, J. S. (submitted to the journal *Brain*) The potential of the blood neurofilament light as a neurodegenerative marker for Alzheimer's disease.

**Jung, Y.**, Counts, S. E., Hampstead, B. M., Peltier, S., & Damoiseaux, J. S. (in preparation) Plasma neurofilament light relates to hippocampal volume and memory but not functional connectivity in older adults.

## PROFESSIONAL RESEARCH PRESENTATIONS

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Invited research talk (virtual) at the Dementia Imaging Genetics Lab at the University of California, San Francisco (UCSF), Department of Neurology on March 24, 2023.

**Jung, Y.**, Counts, S. E., Hampstead, B. M., Peltier, S., & Damoiseaux, J. S. "Plasma NfL relates to hippocampal volume and memory but not functional connectivity in older adults." Poster presentation at the *IOG & MPSI Lifespan Alliance Research Day* in March 2023. \*\*2<sup>nd</sup> prize in *Institute of Gerontology poster presentation*

**Jung, Y.**, Counts, S. E., Hampstead, B. M., & Damoiseaux, J. S. "Plasma NfL predicts default mode network functional connectivity in older adults at higher risk for Alzheimer's disease." Poster presentation at the *Alzheimer's Association International Conference* in August 2022.

**Jung, Y.**, Counts, S. E., Hampstead, B. M., & Damoiseaux, J. S. "Plasma NfL predicts default mode network functional connectivity in the early stages of Alzheimer's disease." Poster presentation at the *IOG & MPSI Lifespan Alliance Research Day* in February 2022. \*\*Best Presentation in *Brain & Cognition*

**Jung, Y.**, Viviano, R. P., van Rooden, S., van der Grond, J., Rombouts, S. A., & Damoiseaux, J. S. "White matter hyperintensities and APOE affect the association between blood pressure and cognition." Poster presentation at the *5th Annual Beyond Amyloid Research Symposium* in June 2021. \*\*Poster Winner at the Graduate Level

**Jung, Y.**, Viviano, R. P., van Rooden, S., van der Grond, J., Rombouts, S. A., & Damoiseaux, J. S. "The effect of cognitive function, subjective cognitive decline, and vascular risks on white matter hyperintensity change in older adults." Poster presentation at the *Society for Neuroscience 49th Annual Meeting* in Chicago, IL in October 2019.

Moon, H. I., Pyun, S. B., Hwang, Y. M., **Jung, Y.**, & Kwon, H. G. "Neural substrates of upper extremity motor impairment after stroke based on voxel-based lesion symptom mapping (VLSM)". Poster presentation at the *7th Japan-Korea Joint Stroke Conference* in Busan, South Korea in October 2015.

**Jung, Y. J.**, Shin, H. I., Kang, H. G., & Kim, S. H. "Training inhibitory control influences smartphone craving." Poster presentation at the *Annual spring conference of the Korean Society for Cognitive Sciences* in Seoul, South Korea in May 2013.

## GRANTS, FELLOWSHIPS AND AWARDS

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### RESEARCH GRANTS

BCBS Student Award Program

2021

PI: Jessica S. Damoiseaux, Ph.D.

Role: Leading student researcher

Agency: Blue Cross and Blue Shield of Michigan Foundation

University Research Grant 2018  
 PI: Jessica S. Damoiseaux, Ph.D.  
 Role: Research team  
 Agency: Wayne State University

Graduate/Undergraduate Student Interdisciplinary Research Award 2012  
 PI: Hyeon Min Ahn, Ph.D.  
 Role: Research team  
 Agency: Korea Foundation for the Advancement of Science & Creativity

## RESEARCH AWARDS

2<sup>nd</sup> Prize in the Institute of Gerontology poster presentation 2023  
*IOG & MPSI Lifespan Alliance Research Day*  
 Best Presentation in Brain & Cognition 2022  
*IOG & MPSI Lifespan Alliance Research Day*  
 Poster Winner at the Graduate Level 2021  
 5th Annual Beyond Amyloid Research Symposium  
 Olson Memorial Award for Best Paper in Gerontology 2021  
 Institute of Gerontology, Wayne State University

## FELLOWSHIP STIPEND AWARDS

Betty J. Neitzel Summer Research Fellowship 2022  
 Agency: Department of Psychology, Wayne State University  
 Pre-doctoral Trainee Fellowship 2019-2022  
 Agency: Institute of Gerontology, Wayne State University  
 Rumble Fellowship Award 2021-2022  
 Agency: Wayne State University  
 Julie A. Thomas Endowed Scholarship in Psychology 2020  
 Agency: Wayne State University

## TRAVEL AWARDS

Mezey Junior Investigator Conference Award 2022  
 Agency: Michigan Alzheimer's Disease Research Center  
 Institute of Gerontology Supplemental Trainee Travel Award 2019, 2022  
 Agency: Institute of Gerontology, Wayne State University  
 Psychology Department Graduate Student Travel Award 2019, 2022  
 Agency: Department of Psychology, Wayne State University

## TEACHING EXPERIENCE

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PSY 2410 Health Psychology (Grading TA) Fall 2017  
 Wayne State University  
 PSY 1010 Introductory Psychology Lab Winter 2018  
 Wayne State University  
 PSY 1030 Introductory Psychology Lab Fall 2018, Winter 2019  
 Wayne State University  
 PSY 2030 Statistical Methods in Psychology Lab Fall 2019, Winter 2020,  
 Wayne State University Fall 2020, Winter 2021

PSY 2030 Statistical Methods in Psychology Lecture  
Wayne State University

Summer 2020

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## **MENTORING STUDENTS**

### **PEER MENTORING**

Rachel Scott, Psychology Ph.D. student, Wayne State University

2021-present

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## **PROFESSIONAL ACTIVITIES**

### **Ad Hoc Reviewer**

Behavioral and Brain Functions

2021

### **Community Outreach**

Walk to End Alzheimer's Detroit at Detroit Zoo

2022

Shared my recent research findings on plasma neurofilament with the general public who participated in the event

Brain Day Detroit at the Michigan Science Center

2018, 2019, 2020, 2023

Ran activities and games aimed at enhancing public awareness about cognitive neuroscience research as a volunteer at the Michigan Science Center.

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## **REFERENCES**

### **Jessica S. Damoiseaux, Ph.D.**

Dept. of Psychology | Institute of Gerontology  
Wayne State University  
87 East Ferry St., 255 Knapp Building  
Detroit, MI 48202  
damoiseaux@wayne.edu

### **Sang Hee Kim, Ph.D.**

Department of Brain and Cognitive Engineering  
Korea University  
Anam-dong 5-ga, Seoul, Korea  
shkim0301@korea.ac.kr

### **Sung-Bom Pyun, M.D., Ph.D.**

Department of Physical Medicine and Rehabilitation  
Korea University College of Medicine  
Korea University Anam Hospital  
Anam-dong 5-ga, Seoul, Korea  
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