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ACADEMIC APPOINTMENTS

Sungkyunkwan University , Seoul, South Korea Assistant Professor and Chair, Department of Psychology	2020-present
Institute for Basic Science , Suwon, South Korea Participating Faculty, Center for Neuroscience Imaging Research	2020-present
University of Hawaii at Manoa , Honolulu, HI Assistant Professor, Department of Psychology	2018-2020
Duke University , Durham, NC Postdoctoral Associate, Department of Psychology and Neuroscience	2016-2018
Korea Military Academy , Seoul, South Korea Assistant Professor, Department of Psychology	2012-2014
Korea Military Academy , Seoul, South Korea Lecturer, Department of Psychology	2011-2012

EDUCATION

Dartmouth College , Hanover, NH Ph.D. in Psychological and Brain Sciences	2006-2017
Seoul National University , Seoul, South Korea M.A. in Clinical Psychology	2004-2006
Seoul National University , Seoul, South Korea B.A. in Psychology, <i>summa cum laude</i>	2000-2004

HONORS AND AWARDS

SKKU Teaching Award, Sungkyunkwan University	2023
APS Rising Star Award, Association for Psychological Science	2021
Hannah Croasdale Award for Academic Excellence, Dartmouth College <i>College-wide award to the graduating Ph.D. student who best exemplifies the qualities of a scholar</i>	2017
William M. Smith Promise Award in the Brain Sciences, Dartmouth College	2017

SFN Trainee Professional Development Award, Society for Neuroscience	2015
Outstanding Books in Basics Sciences Award, National Academy of Sciences, South Korea <i>Sul & Kim (2013): Korean Translation of Sober & Wilson (1998) "Unto Others"</i>	2014
Behavioural Brain Research Editors' Choice Award (Kim et al., <i>Behav Brain Res</i> , 2011)	2012
Cold Spring Harbor Laboratory Workshop on Biology of Social Cognition Fellowship	2012
Sackler Summer Institute in Developmental Psychobiology, Weill Cornell Medical College	2010
Summer Institute in Cognitive Neuroscience Fellowship, UCSB	2009
Wisconsin Symposium on Emotion Travel Fellowship, HealthEmotions Research Institute	2007

FUNDING

Awarded

Sungkyun Research Fund Sungkyunkwan University <i>Decoding depressive symptoms with computer vision-based analysis of facial muscle dynamics</i> Role: Principal Investigator	2023-2024
National Research Foundation of Korea (NRF) NRF-2022R1A2C1091871 <i>Gritty brain: Physiological and neural mechanisms of grit</i> Role: Co-Investigator (P.I. Daeun Park)	2022-2026
National Research Foundation of Korea (NRF) NRF-2021R1F1A1045988 <i>Neurocognitive mechanisms of decoding affective information from facial expressions</i> Role: Principal Investigator	2021-2024
National Research Foundation of Korea (NRF) NRF-2021S1A5A2A03070229 <i>From vulnerability to symptoms: Development of reliable biomarkers of neuroticism & Korean-specific etiological model of anxiety disorders and depressions</i> Role: Co-Investigator (P.I. Juyoen Hur)	2021-2024
BK21 FOUR (Fostering Outstanding Universities for Research) Ministry of Education and National Research Foundation of Korea <i>Promoting the symbiotic flourishing of individuals and the community</i> Role: Co-P.I.	2020-2027

Completed

CSS Research Support Award College of Social Sciences, University of Hawaii at Manoa <i>Model-based approach on assessing individual differences in affective processing style</i> Role: Principal Investigator	2019-2020
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- SEED Inclusion, Diversity, Equity, Access and Success (IDEAS) Grant 2019
Office of Student Equity, Excellence and Diversity, University of Hawaii at Manoa
Cultural and affective neuroscience colloquium
Role: Principal Investigator
- Gartley Faculty Seed Award 2019
Department of Psychology, University of Hawaii at Manoa
Individual differences in the sensitivity to contextual cues during valence computation
Role: Principal Investigator
- Ruth L. Kirschstein National Research Service Award Predoctoral Fellowship 2014-2016
NIMH F31MH090672 (*originally awarded in 2010)
Amygdala-prefrontal interactions when interpreting ambiguous facial expressions
Role: Principal Investigator
- ROK Army Hwarang-dae Research Institute Military/Academic Research Grant 2012
12-GUNHAK-06
The effects of amygdala activity on decision making performance in threat situations
Role: Collaborator (P.I.: Yangho Moon)

PUBLICATIONS

- Published under names **M. Justin Kim** (2008-present) or **Minue J. Kim** (2003-2008)
 - Google Scholar *b*-index: 26; total citations: 5035
 - _Trainee co-author
 - *Equal author contribution
 - **Co-corresponding authors
1. Kim W & **Kim MJ** (accepted). Adaptive-to-maladaptive gradient of emotion regulation tendencies are embedded in the functional-structural hybrid connectome. *Psychological Medicine*.
 2. Hsiao P-Y, **Kim MJ**, Feng-Chun B & Chen P-HA (in press). Intersubject representational similarity analysis uncovers the impact of state anxiety on multivariate activation patterns in the human extrastriate cortex. *Brain Imaging and Behavior*.
 3. Kim M*, Shin S*, Choi J, Jyung M, Choi, I, **Kim MJ**** & Sul S** (2023). Corticolimbic structural connectivity encapsulates real-world emotional reactivity and momentary experience of happiness. *Social Cognitive and Affective Neuroscience*, 18, nsad056.
 4. Park S, Park D & **Kim MJ** (2023). Similar functional connectome architecture predicts teenage grit. *Social Cognitive and Affective Neuroscience*, 18, nsad047.
 5. Yoo C & **Kim MJ** (2023). Topological similarity of cortical thickness represents generalized anxiety symptoms in adolescence. *Brain Research Bulletin*, 202, 110728.

6. Jo W & **Kim MJ** (2023) Tracking emotions from song lyrics: Analyzing 30 years of K-pop hits. *Emotion*, 23, 1658-1669.
7. Neta M & **Kim MJ** (2023). Surprise as an emotion: A response to Ortony. *Perspectives on Psychological Science*, 18, 854-862.
8. **Kim MJ** & Sul S (2023). On the relationship between the social brain, social connectedness, and well-being. *Frontiers in Psychiatry*, 14, 1112438.
9. Kim W & **Kim MJ** (2022). Morphological similarity of amygdala-ventral prefrontal pathways represents trait anxiety in younger and older adults. *Proceedings of the National Academy of Sciences*, 119, e2205162119.
10. Yoo C*, Park S* & **Kim MJ** (2022). Structural connectome-based prediction of trait anxiety. *Brain Imaging and Behavior*, 16, 2467-2476.
11. Lee K, Kim N, Jeong E, Kang M-S & **Kim MJ** (2022). Volumetric variability of the ventromedial prefrontal cortex reflects the propensity for engaging in high stakes gambling behavior. *Brain Sciences*, 12, 1460.
12. **Kim MJ**, Knodt AR & Hariri AR (2022). Meta-analytic activation maps can help identify affective processes captured by contrast-based task fMRI: the case of threat-related facial expressions. *Social Cognitive and Affective Neuroscience*, 17, 777-787.
13. **Kim MJ**, Elliott, ML, Knodt AR & Hariri AR (2022). A connectome-wide functional signature of trait anger. *Clinical Psychological Science*, 10, 584-592.
14. Sul S & **Kim MJ** (2021). Human dorsomedial prefrontal cortex delineates the self and other against the tendency to form interdependent social representations. *Neuron*, 109, 2209-2211.
15. Kim N & **Kim MJ** (2021). Altered task-evoked corticolimbic responsivity in generalized anxiety disorder. *International Journal of Molecular Sciences*, 22, 3630.
16. **Kim MJ**, Mattek AM & Shin J (2020). Amygdalostriatal coupling underpins positive but not negative coloring of ambiguous affect. *Cognitive, Affective, & Behavioral Neuroscience*, 20, 949-960.
17. Mattek AM, Burr D, Shin J, Whicker CL & **Kim MJ** (2020). Identifying the representational structure of affect using fMRI. *Affective Science*, 1, 42-56.
18. **Kim MJ**, Farber MJ, Knodt AR, & Hariri AR (2019). Corticolimbic circuit structure moderates an association between early life stress and later trait anxiety. *Neuroimage: Clinical*, 24, 102050.
19. Farber MJ, **Kim MJ**, Knodt AR & Hariri AR (2019). Maternal overprotection in childhood is associated with amygdala reactivity and structural connectivity in adulthood. *Developmental Cognitive Neuroscience*, 40, 100711.

20. **Kim MJ**, Mattek AM, Burr D & Whalen PJ (2019). Preliminary report on the association between pulvinar volume and the ability to detect backward-masked facial features. *Neuropsychologia*, 128, 73-77.
21. **Kim MJ**, Elliott ML, d'Arbeloff TC, Knodt AR, Radtke SR, Brigidi BD & Hariri AR (2019). Microstructural integrity of white matter moderates an association between childhood adversity and adult trait anger. *Aggressive Behavior*, 45(3), 310-318.
22. Elliott ML, Knodt AR, Cooke M, **Kim MJ**, Melzer T, Keenan R, Ireland D, Ramrakha S, Poulton R, Caspi A, Moffitt TE & Hariri AR (2019). General Functional Connectivity: shared features of resting-state and task fMRI drive reliable and heritable individual differences in functional brain networks. *Neuroimage*. 189, 516-532.
23. Farber MJ, Romer AL, **Kim MJ**, Knodt AR, Elsayed NM, Williamson DE & Hariri AR (2019). Paradoxical associations between familial affective responsiveness, stress, and amygdala reactivity. *Emotion*, 19(4), 645-654.
24. **Kim MJ**, Scult MA, Knodt AR, Radtke SR, d'Arbeloff TC, Brigidi BD & Hariri AR (2018). A link between childhood adversity and trait anger reflects relative activity of the amygdala and dorsolateral prefrontal cortex. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 3(7), 644-649.

Commentary by: McCrory EJ (2018). Investigating the neurocognitive mechanisms that influence how the mental health risk can unfold following maltreatment. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 3(7), 578-580.
25. Elsayed NM, **Kim MJ**, Fields KM, Olvera RL, Hariri AR & Williamson DE (2018). Trajectories of alcohol initiation and use during adolescence: the role of stress and amygdala reactivity. *Journal of the American Academy of Child and Adolescent Psychiatry*, 57(8), 550-560.
26. d'Arbeloff TC, **Kim MJ**, Knodt AR, Radtke SR, Brigidi BD & Hariri AR (2018). Microstructural integrity of a pathway connecting the prefrontal cortex and amygdala moderates the association between cognitive reappraisal and negative emotions. *Emotion*, 18(6), 912-915.
27. **Kim MJ**, Mattek AM, Bennett RH, Solomon KM, Shin J & Whalen PJ (2017). Human amygdala tracks a feature-based valence signal embedded within the facial expression of surprise. *Journal of Neuroscience*, 37(39), 9510-9518.
28. **Kim MJ**, Avinun R, Knodt AR, Radtke SR & Hariri AR (2017). Neurogenetic plasticity and sex influence the link between corticolimbic structural connectivity and trait anxiety. *Scientific Reports*, 7(1), 10959.
29. **Kim MJ**, Shin J, Taylor JM, Mattek AM, Chavez SJ & Whalen PJ (2017). Intolerance of uncertainty predicts increased striatal volume. *Emotion*, 17(6), 895-899.

Commentary by: Westenberg M & Bas-Hoogendam JM: *F1000 Prime*
<https://f1000.com/prime/727715963>

Press release: “Region in Brain Found to be Associated with Fear of Uncertain Future”
<http://www.apa.org/news/press/releases/2017/05/uncertain-future.aspx>

30. Neta M, Tong TT, Rosen ML, Enersen A, **Kim MJ** & Dodd MD (2017). All in the first glance: first fixation predicts individual differences in valence bias. *Cognition and Emotion*, 31(4), 772-780.
31. Wise T, Radua J, Via E, Cardoner N, Abe O, Adams TM, Amico F, Cheng Y, Cole JH, de Azevedo Marques Perico C, Dickstein DP, Farrow, TFD, Frodl T, Wagner G, Gotlib IH, Gruber O, Ham BJ, Job DE, Kempton MJ, **Kim MJ**, Koolschijn PCMP, Malhi GS, Mataix-Cols D, McIntosh AM, Nugent AC, O'Brien J, Pezzoli S, Phillips ML, Sachdev PS, Salvatore G, Selvaraj S, Stanfield AC, Thomas AJ, van Tol MJ, van der Wee NJA, Veltman DJ, Young AH, Fu CH, Cleare AJ & Arnone D (2017). Common and distinct patterns of grey matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. *Molecular Psychiatry*, 22(10), 1455-1463.
32. **Kim MJ**, Brown AC, Mattek AM, Chavez SJ, Taylor JM, Palmer AL, Wu Y-C & Whalen PJ (2016). The inverse relationship between the microstructural variability of amygdala-prefrontal pathways and trait anxiety is moderated by sex. *Frontiers in Systems Neuroscience*, 10, 93.
33. **Kim MJ**, Solomon KM, Neta M, Davis FC, Oler JA, Mazzulla EC & Whalen PJ (2016). A face versus non-face context influences amygdala responses to masked fearful eye whites. *Social Cognitive and Affective Neuroscience*, 11(12), 1933-1941.
34. Davis FC, Neta M, **Kim MJ**, Moran JM & Whalen PJ (2016). Interpreting ambiguous social cues in unpredictable contexts. *Social Cognitive and Affective Neuroscience*, 11(5), 775-782.
35. Arnone D, Job D, Selvaraj S, Abe O, Amico F, Cheng YQ, Colloby SJ, O'Brien J, Frodl T, Gotlib IH, Ham BJ, **Kim MJ**, Koolschijn PC, Perico C A-M, Salvatore G, Thomas A, Van Tol MJ, Wagner G & McIntosh AM (2016). Computational meta-analysis of statistical parametric maps in major depression. *Human Brain Mapping*, 37(4), 1393-1404.
36. Chey J, **Kim MJ**, Stern Y, Shin M, Byun HS & Habeck C (2016). Neural substrates of reserve observed in a non-demented aging population. *Journal of Alzheimer's Disease & Parkinsonism*. 6(7), 294.
37. **Kim MJ**, Neta M, Davis FC, Ruberry EJ, Dinescu D, Heatherton TF, Stotland MA & Whalen PJ (2014). Botulinum toxin-induced facial muscle paralysis affects amygdala responses to the perception of emotional expressions: Preliminary findings from an A-B-A design. *Biology of Mood and Anxiety Disorders*, 4, 11.
38. **Kim MJ**, Sul S & Moon Y (2013). The impact of perceiving angry and fearful facial expressions on decision making performance in threat situations. *The Korean Journal of Cognitive and Biological Psychology*, 25(4), 445-461. (written in Korean)
39. **Kim MJ**, Loucks RA, Palmer AL, Brown AC, Solomon KM, Marchante AN & Whalen PJ (2011). The structural and functional connectivity of the amygdala: From normal emotion to pathological anxiety. *Behavioural Brain Research*, 223(2), 403-410.

Reprinted in: Debeic J, Heller M, Brozek B & LeDoux J (2014). *The Emotional Brain Revisited*. Krakow: Copernicus Center Press.

40. **Kim MJ**, Gee DG, Loucks RA, Davis FC & Whalen PJ (2011). Anxiety dissociates dorsal and ventral medial prefrontal cortex functional connectivity with the amygdala at rest. *Cerebral Cortex*, 21(7), 1667-1673.
41. **Kim MJ**, Loucks RA, Neta M, Davis FC, Oler JA, Mazzulla EC & Whalen PJ (2010). Behind the mask: the influence of mask-type on amygdala response to fearful faces. *Social Cognitive and Affective Neuroscience*, 5(4), 363-368.
42. **Kim MJ** & Whalen PJ (2009). The structural integrity of an amygdala-prefrontal pathway predicts trait anxiety. *Journal of Neuroscience*, 29(37), 11614-11618.

Commentary by: Hariri AR: *F1000 Prime* <https://f1000.com/prime/1165023>
43. **Kim MJ**, Hamilton JP & Gotlib IH (2008). Reduced caudate gray matter volume in women with major depressive disorder. *Psychiatry Research: Neuroimaging*, 164(2), 114-122.
44. **Kim MJ**, Chey J, Chung A, Bae S, Khang H, Ham B, Yoon SJ, Jeong DU & Lyoo IK (2008). Diminished rostral anterior cingulate activity in response to threat-related events in posttraumatic stress disorder. *Journal of Psychiatric Research*, 42(4), 268-277.
45. **Kim MJ**, Lyoo IK, Dager SR, Friedman SD, Chey J, Hwang J, Lee Y, Dunner DL & Renshaw PF (2007). The occurrence of cavum septi pellucidi enlargement is increased in bipolar disorder patients. *Bipolar Disorders*, 9(3), 274-280.
46. Sim ME, Lyoo IK, Streeter CC, Covell J, Sarid-Segal O, Ciraulo DA, **Kim MJ**, Kaufman MJ, Yurgelun-Todd DA & Renshaw PF (2007). Cerebellar gray matter volume decrease in cocaine abusers: An optimized voxel-based-morphometry study. *Neuropsychopharmacology*, 32(10), 2229-2237.
47. Kim SJ, Jeong DU, Ryu J, Sim ME, Bae SC, Chung A, **Kim MJ**, Oh JS, Chang KH, Renshaw PF & Lyoo IK (2006). Asymmetric altered integrity of cingulum bundle in posttraumatic stress disorder. *Neuropsychobiology*, 54(2), 120-125.
48. Lee YJ, Hwang J, Kim SJ, Sung YH, Kim J, Sim ME, Bae SC, **Kim MJ** & Lyoo IK (2006). Decreased blood flow of temporal regions of the brain in subjects with panic disorder. *Journal of Psychiatric Research*, 40(6), 528-534.
49. **Kim MJ**, Lyoo IK, Kim SJ, Sim MY, Kim N, Choi N, Jeong DU, Covell J & Renshaw PF (2005). Disrupted white matter tract integrity of anterior cingulate in trauma survivors. *Neuroreport*, 16(10), 1049-1053.
50. Yoo HK, **Kim MJ**, Kim SJ, Sung YH, Sim ME, Lee YJ, Song SY, Kee BS & Lyoo IK (2005). Putaminal gray matter volume decrease in panic disorder: An optimized voxel-based morphometry study. *European Journal of Neuroscience*, 22(8), 2089-2094.
51. Frederick BD, Lyoo IK, Satlin A, Ahn KH, **Kim MJ**, Yurgelun-Todd DA, Cohen BM & Renshaw PF (2004). In vivo proton magnetic resonance spectroscopy of the temporal lobe in Alzheimer's disease. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 28(8), 1313-1322.

52. Ahn KH, Lyoo IK, Lee HK, Song IC, Oh JS, Hwang J, Kwon J, **Kim MJ**, Kim M & Renshaw PF (2004). White matter hyperintensities in subjects with bipolar disorder. *Psychiatry and Clinical Neurosciences*, 58(5), 516-521.
53. Lyoo IK, **Kim MJ**, Stoll AL, Demopulos CM, Parow AM, Dager SR, Friedman SD, Dunner DL & Renshaw PF (2004). Frontal lobe density decreases in Bipolar I disorder. *Biological Psychiatry*, 55(6), 648-651.
54. Cowan RL, Lyoo IK, Sung SM, Ahn KH, **Kim MJ**, Hwang J, Haga E, Vimal RLP, Lukas SE & Renshaw PF (2003). Reduced cortical gray matter density in human MDMA (Ecstasy) users: a voxel-based morphometry study. *Drug and Alcohol Dependence*, 72(3), 225-235.

Book Chapters

1. Whalen PJ, Neta, M, **Kim MJ**, Mattek AM, Davis FC, Taylor JM & Chavez SJ (2017). Neural and behavioral responses to ambiguous facial expressions of emotion. In: Fernandez Dols, JM & Russell J (Eds.) *The Science of Facial Expression*. New York: Oxford University Press.
2. Whalen PJ, **Kim MJ**, Neta M & Davis FC (2012). Emotion. In: Nelson RJ & Mizumori S (Eds.). *The Handbook of Psychology (2nd edition), Volume 3: Behavioral Neuroscience*. New York: Wiley.
3. Johnstone T, **Kim MJ** & Whalen PJ (2009). Functional magnetic resonance imaging in the affective and social neurosciences. In: Harmon-Jones E & Beer JS (Eds.). *Methods in Social Neuroscience*. New York: Guilford Press.
4. Whalen PJ, Davis FC, Oler JA, Kim H, **Kim MJ** & Neta M. (2009). Human amygdala responses to facial expressions of emotion. In: Whalen PJ & Phelps, EA (Eds.). *The Human Amygdala*. New York: Guilford Press.

Translated Books

1. Sul S & **Kim MJ** (2013). Korean Translation of Sober E & Wilson DS (1998). *Unto Others: The Evolution and Psychology of Unselfish Behavior*. Seoul: Seoul National University Press.

Manuscripts in Preparation

1. **Kim MJ** & Shin J (in preparation). Individual differences in the sensitivity to contextual cues during valence computation.
2. Kim N, **Kim MJ**, Strauman TJ & Hariri AR (under review). Intrinsic functional connectivity of motor and heteromodal association cortex predicts individual differences in regulatory focus.
3. Ryu H & **Kim MJ** (under review). Heroes and villains: opposing narrative roles engage neural synchronization in the inferior frontal cortex.
4. Jung E-Y & **Kim MJ** (under review). Separable and overlapping functional connectome architecture for impulsivity and anxiety.

CONFERENCE PRESENTATIONS

- _Trainee co-author
- *Equal author contribution

Posters

1. Park S*, Yoo C* & **Kim MJ** (2023). Linking neuroimaging-based features of normative structural and functional brain development in adolescents. *Developmental Affective Neuroscience Symposium*, Pittsburgh, PA, USA.
2. Park S & **Kim MJ** (2023). Similar functional connectome architecture predicts teenage grit. *Social & Affective Neuroscience Society*, Santa Barbara, CA, USA.
3. Yoo C & **Kim MJ** (2023). Topographical similarity of cortical thickness represents generalized anxiety symptoms in adolescence. *Social & Affective Neuroscience Society*, Santa Barbara, CA, USA.
4. Kim H, Park J, Kuhn, M., Seo D, **Kim MJ** & Hur J (2023). Neuroticism and brain responses to emotional conflict. *Society for Research in Psychopathology*, St. Louis, NO, USA.
5. Park J, Kim H, Seo D, **Kim MJ** & Hur J (2023). Executive function modulates the prospective relationship between negative affect and repetitive negative thinking. *Society for Research in Psychopathology*, St. Louis, NO, USA.
6. Shin S, Choi Y, Yoo L, Park S & **Kim MJ** (2023). Functional connectome architecture in children and adolescents before and after COVID-19 pandemic. *Korean Society for Cognitive and Biological Psychology*, Seoul, South Korea. ***Best Student Poster Award**
7. Kim N, **Kim MJ**, Strauman, TJ & Hariri AR (2023). Intrinsic functional connectivity of primary motor and heteromodal association cortex predicts individual differences in regulatory focus. *Korean Society for Cognitive and Biological Psychology*, Seoul, South Korea.
8. Kim W & **Kim MJ** (2022). Morphological similarity of amygdala-prefrontal pathways predicts trait anxiety. *Society for Affective Science*, Virtual Conference.
9. Kim N & **Kim MJ** (2022). Functional connectome-based prediction of hyperpolarized valence bias. *Society for Affective Science*, Virtual Conference.
10. Lee K & **Kim MJ** (2022). Neural representation of openness to experience and neuroticism personality traits in the structural connectome. *Society for Affective Science*, Virtual Conference.
11. Yoo C, Park S, Ryu H, Jung E, Lee S & **Kim MJ** (2022). Structural connectome-based prediction of social isolation stress. *Korean Society for Cognitive and Biological Psychology*, Virtual Conference.

12. Kim W, Lee S, Lee K, Kim N, Jeong O, **Kim MJ** & Park HI (2022). A meta-analysis of the nomological network of emotion regulation in Korean adults. *Association for Psychological Science*, Chicago, IL.
13. Lee K, **Kim MJ**, Kim N, Jeong E & Kang M-S (2021). Individual differences in ventromedial prefrontal cortex volume is associated with decision-making behavior in gambling tasks. *Korean Society for Cognitive and Biological Psychology*, Virtual Conference. ***Best Student Poster Award**
14. Kim M, Shin S, Choi J, Jyung M, Choi I, **Kim MJ** & Sul S (2021). Microstructural variabilities of the external capsule and uncinate fasciculus are associated with emotional reactivity to daily events. *Association for Psychological Science*, Virtual Conference.
15. **Kim MJ**, Elliott ML, Knodt AR & Hariri AR (2021). A connectome-wide functional signature of trait anger. *Society for Affective Science*, Virtual Conference.
16. **Kim MJ**, Mattek AM & Shin J (2020). Amygdalostratial coupling underpins positive but not negative coloring of ambiguous affect. *Society for Affective Science*, Virtual Conference.
17. **Kim MJ**, Knodt AR & Hariri AR (2019). Distributed neural activity patterns to facial expressions signaling threat. *Social & Affective Neuroscience Society*, Miami, FL.
18. **Kim MJ**, Scult MA, Knodt AR, Radtke SR, d'Arbeloff TC, Brigidi BD & Hariri AR (2018). A link between childhood adversity and trait anger reflects relative activity of the amygdala and dorsolateral prefrontal cortex. *Social & Affective Neuroscience Society*, Brooklyn, NY.
19. Mattek AM, **Kim MJ**, Burr D & Whalen PJ (2018). Testing theories of affect with fMRI: how you look at the data dictates what you find. *Wisconsin Symposium on Emotion*, Madison, WI.
20. Elsayed N, **Kim MJ**, Fields KM, Olvera RL & Hariri AR (2017). Trajectories of alcohol use initiation during adolescence: The role of stress, amygdala reactivity, and risk for developing an alcohol use disorder. *American Academy for Adolescent and Child Psychiatry*, Washington DC.
21. **Kim MJ**, Avinun R, Knodt AR, Radtke SR & Hariri AR (2017). A functional BDNF polymorphism moderates the association between corticolimbic white matter microstructure and trait anxiety in women but not men. *Association for Psychological Science*, Boston, MA.
22. Huckins JF, **Kim MJ**, Heatherton TF, Whalen PJ & Kelley WM (2017). Resting-state functional connectivity of the amygdala-ventromedial prefrontal cortical network and anxiety: Moderating influences of sex and time. *Social & Affective Neuroscience Society*, Los Angeles, CA.
23. **Kim MJ**, Bennett RH, Solomon KM & Whalen PJ (2015). Sensitivity to contextual cues when resolving the valence of ambiguous facial expressions is linked with amygdala-prefrontal circuitry. *Social & Affective Neuroscience Society*, Boston, MA.
24. Jacobs SN, Taylor JM, **Kim MJ**, Chavez RS, Shin J & Whalen PJ (2015). Integrity of the amygdaloaccumbens fasciculi predicts ability to cope with stress. *Social & Affective Neuroscience Society*, Boston, MA.

25. Davis FC, Neta M, **Kim MJ**, Moran JM & Whalen PJ (2015). Effect of unpredictability on responses to ambiguous social cues. *Society for Affective Science*, Oakland, CA.
26. Arnone D, Job D, Selvaraj S, Abe O, Amico F, Cheng YQ, Colloby SJ, O'Brien JT, Frodl T, Gotlib IH, Ham BJ, **Kim MJ**, Perico C A-M, Salvatore G, Thomas AJ, Van Tol MJ, Wagner G & McIntosh AM (2014). Computational meta-analysis of statistical parametric maps in major depression. *British Association for Psychopharmacology*, Cambridge, UK.
27. Chey J, Song H, Jungshuh S & **Kim MJ** (2013). The proportional reasoning test: A novel assessment tool for Alzheimer's disease and frontotemporal dementias. *Alzheimer's Association International Conference*, Boston, MA.

Abstract published in: Chey J, Song H, Jungshuh S & Kim MJ (2013). P2-138: The proportional reasoning test: A novel assessment tool for Alzheimer's disease and frontotemporal dementias. *Alzheimer's & Dementia*, 9, P396-P396.
28. **Kim MJ**, Gee DG, Loucks RA & Whalen PJ (2010). Anxiety modulates resting state functional connectivity of the amygdala and the medial prefrontal cortex. *Cognitive Neuroscience Society*, Montreal, Canada.
29. Neta M, **Kim MJ**, Norris CJ & Whalen PJ (2009). Neural substrates of ambiguity resolution: Individual differences in response to surprised facial expressions. *Society for Psychophysiological Research*, Berlin, Germany.
30. Chey J, **Kim MJ**, Shin K, Lee J, Shin M & Byun H (2009). The neural correlate of cognitive reserve. *International Neuropsychological Society*, Helsinki, Finland.
31. **Kim MJ** & Whalen PJ (2009). Amygdala reactivity and anxiety predict the structural integrity of an amygdala-prefrontal pathway. *Third Annual Tufts University Conference on Emerging Trends in Behavioral, Affective, Social, and Cognitive (BASC) Neurosciences*, Tufts University, Medford, MA.
32. Chey J, **Kim MJ**, Shin K & Shin M (2008). The neural correlate of cognitive reserve: the role of precuneus in preventing dementia. *Society for Neuroscience*, Washington DC.
33. Davis FC, **Kim MJ**, Mazzulla EC, Oler JA & Whalen PJ (2008). Effects of temporally unpredictable contexts on facial expressions of emotion. *Cognitive Neuroscience Society*, San Francisco, CA.
34. Chey J & **Kim MJ** (2005). Reduced posterior parietal gray matter volumes are associated with illiteracy and poor cognitive functioning in nondemented elderly individuals. *Society for Neuroscience*, Washington DC.

Symposia

1. **Kim MJ** (2023). Corticolimbic and connectome-wide signature of trait anxiety. *International Conference on Health and Well-being: Promoting Mental and Cognitive Outcomes*, Lingnan University, Hong Kong.

2. **Kim MJ** (2023). Understanding adolescent emotions through neuroscience. Symposium: Neurobiological understanding of affect and affective disorders. *Korean Clinical Psychological Association*, Virtual Conference.
3. **Kim MJ** (2022). Understanding anxiety and emotion regulation through amygdala circuits. Symposium: Biomarker research for predicting psychopathology. *Korean Clinical Psychological Association*, Virtual Conference.
4. **Kim MJ** (2021). Neurocognitive mechanisms of valence decisions in naturally ambiguous facial expressions of others. Symposium: Cognitive Neuroscience. *Korean Society for Human Brain Mapping*, Seoul, South Korea (Hybrid Conference).
5. **Kim MJ** (2021). Frustrated and angry: A neural signature of anger. Symposium: Understanding human affective processing based on brain sciences. *Korean Psychological Association*, Virtual Conference.
6. **Kim MJ** (2021). The role of corticolimbic circuit function in trait anger. Symposium: Toward an integrative understanding of the influence of COVID-19 on individual functioning. *Asian Association of Social Psychology*, Seoul, South Korea (Virtual Conference).
7. **Kim MJ** (2020). Individual differences in the sensitivity to contextual cues during valence computation. Member-Initiated Symposium: The Behavioral-Neural-Genetic Basis of Individual Differences in Socioemotional Experience: From Laboratory to Everyday Life. *Korean Society for Cognitive and Biological Psychology*, Yesan, South Korea (Virtual Conference).
8. **Kim MJ** & Shin J (2019). Individual differences in the sensitivity to contextual cues during valence computation. Thematic Flash Talks: Cognitive and Computational Approaches. *Society for Affective Science*, Boston, MA.
9. Elliott M, Knodt A, Cooke M, **Kim J**, Melzer T, Keenan R, Ireland D, Ramrakha S, Poulton R, Caspi A, Moffitt T & Hariri A (2019). General Functional Connectivity: Shared features of resting state and task fMRI drive reliable and heritable individual differences in functional brain networks. *Society of Biological Psychiatry*, Chicago, IL.
10. **Kim MJ**, Brown AC, Mattek AM, Jacobs SN, Taylor JM, Palmer AL & Whalen PJ (2015). The structural integrity of white matter fiber pathways between the amygdala and the lateral orbitofrontal cortex inversely predicts trait anxiety. Nanosymposium: Individual Differences. *Society for Neuroscience*, Chicago, IL.
11. **Kim MJ** & Whalen PJ (2015). The integrity of amygdala-prefrontal circuitry: From normal emotion to pathological anxiety. Symposium: Extreme Anxiety Reflects Aberrant Functional Connectivity in Prefrontal-Amygdalar Networks. *Anxiety and Depression Conference*, Miami, FL.
12. **Kim MJ** & Whalen PJ (2014). The integrity of amygdala-prefrontal circuitry: From normal emotion to pathological anxiety. Symposium: Using Affect Labeling and Mindfulness to Improve Treatment Outcome for Anxiety Disorders: Translating Neuroimaging Research to Improved Treatment Outcome. *Association for Psychological Science*, San Francisco, CA.

13. **Kim MJ**, Sul S & Moon Y (2014). The impact of perceiving angry and fearful facial expressions on decision making performance in threat situations. Symposium: Cognitive Neuroscience Research on Emotion. *Korean Society for Cognitive and Biological Psychology*, Buyeo, South Korea.
14. **Kim MJ**, Gee DG, Loucks RA, Davis FC & Whalen PJ* (2010). Anxiety dissociates dorsal and ventral medial prefrontal cortex functional connectivity with the amygdala at rest. Nanosymposium: Prefrontal-Subcortical Interactions in Health and Disease. *Society for Neuroscience*, San Diego, CA (presented by Paul J. Whalen).
15. Davis FC, **Kim MJ**, Neta M, Hariri AR & Whalen PJ (2010). Negative appraisal of ambiguous social cues: Effects of temporal unpredictability & genetic background. Symposium: Better (or Worse) for Some Than Others: Individual Differences in Emotional Biases. *Society for Psychophysiological Research*, Portland, OR.
16. **Kim MJ** & Whalen PJ (2008). Amygdala reactivity to fearful faces and trait anxiety are associated with the structural integrity of an amygdala-prefrontal pathway. Nanosymposium: Human Affective Processing. *Society for Neuroscience*, Washington DC.

INVITED TALKS

Yonsei University (Psychology Department Colloquium)	Nov 2023
Seoul National University (Brain Sciences Seminar Series)	Nov 2023
KAIST (Digital Humanities & Computational Social Sciences Colloquium)	Oct 2023
DGIST (Brain Sciences Department Colloquium)	Sept 2023
University of Denver (Psychology Department Colloquium)	May 2023
Sogang University (Psychology Department Colloquium)	Nov 2022
Samsung Medical Center & SKKU School of Medicine (Psychiatry Grand Round)	Oct 2022
Toyo University & SKKU (Joint Seminar)	Feb 2022
Seoul National University (Psychology Seminar Series)	Oct 2021
Ritsumeikan University & SKKU (Joint Symposium)	Aug 2021
Korean Society for Neuropsychology Research, Korean Society for Clinical Psychology	Dec 2020
SKKU Department of Biomedical Engineering (Neuro@Noon Seminar Series)	Oct 2020
University of Zurich (Neuroeconomics Seminar)	April 2020
CNIR, IBS & Sungkyunkwan University (Cognitive Neuroscience Symposium)	July 2019
Seoul National University (Neuroimaging Workshop)	July 2019
Pusan National University (Neuroimaging Workshop)	July 2019
John A. Burns School of Medicine, University of Hawaii (Strategic Planning Retreat)	Oct 2018
Georgetown University (Laboratory on Affective & Social Neuroscience: Dr. Abigail Marsh)	Apr 2018
Northwestern University (Department of Psychology)	Jan 2018
Korea University (Department of Psychology)	Dec 2017
Seoul National University (Psychology Department Colloquium)	Dec 2017
Daegu-Gyeongbuk Medical Innovation Foundation (Brain Imaging Workshop)	Aug 2017
Columbia University (Monday Seminar Talk Series)	Feb 2017
University of Michigan, Ann Arbor (Department of Psychology)	Nov 2016
Pusan National University (Psychology Department Colloquium)	Aug 2016
Yonsei University (Psychology Department Seminar Series)	Oct 2012
Korea Military Academy (Hwarang-dae Research Institute Seminar Series)	Sept 2012

Yonsei University College of Medicine (MoNET Lab: Dr. Hae-Jeong Park)	June 2012
The Korean Society for Cognitive Science Annual Spring Conference (Methods Tutorial)	June 2012
Korea University (Functional MRI Workshop Series)	Feb 2012
Korea Military Academy (Department of Psychology)	Aug 2011
Korea University (BK21 Seminar Series)	July 2010
Seoul National University College of Medicine (Department of Psychiatry)	July 2010
Seoul National University (Clinical Neuroscience Lab: Dr. Jeanyung Chey)	July 2010
Dartmouth College (Social Brain Science Brownbag Series)	Feb 2010
Martinos Center for Biomedical Imaging, MGH (Brain Mapping Seminar Series)	Feb 2010
Dartmouth College (fMRI Brownbag Series)	Aug 2009
Dartmouth College (Social Brain Science Brownbag Series)	Aug 2008
University of Vermont (Vermont Summer Summit on Learning and Memory)	Aug 2007

TEACHING AND MENTORING

Courses Taught

Sungkyunkwan University

Psychology of Perception (PSY3008)	Spring 2021
Brain and Mind (PSY3040)	Fall 2022, 2021, 2020, Winter 2020
Neuroscience of Human Behavior (PSY 3041)	Spring 2022, 2021
Brain Imaging Methods (PSY4003)	Spring 2023, 2021
Cognition and Emotion (PSY5010)	Spring 2022, Fall 2023, 2020
Introduction to Psychology (GEDI008)	Spring 2023

University of Hawaii at Manoa

Psychology of Emotion (PSY324)	Spring 2020, Fall 2018
Advanced Topics in Psychobiology: Affective and Social Neuroscience (PSY439)	Spring 2020, 2019
Introduction to Psychobiology (PSY230)	Fall 2019
Seminar in Physiological Psychology: Affective and Social Neuroscience (PSY731)	Fall 2019
Survey of Psychology (PSY100)	Spring 2019

Korea Military Academy

Introduction to Psychology	Fall 2013, 2012, 2011, Spring 2013
Research Methods in the Social Sciences	Spring 2013
Leadership	Spring 2012

Teaching Assistantships

Dartmouth College

Experimental Design, Methodology, and Data Analysis Procedures (PSYC10)	Spring 2009
Laboratory in Psychological Science (PSYC11)	Spring 2008, Summer 2007
Physiological Psychology (PSYC26)	Winter 2007

Seoul National University

Neuropsychological Assessment	Fall 2005
Psychopathology II	Fall 2004

Guest Lectures

- Thinking and Decision Making - “Emotion and the Brain” Fall 2012
Department of Psychology, Korea University, Seoul, South Korea
- Physiological Psychology - “Emotion, Aggression and Stress” Winter 2008
Department of Psychological and Brain Sciences, Dartmouth College, Hanover, NH
- Clinical Neuropsychology - “Basics of functional magnetic resonance imaging” Spring 2005
Department of Psychology, Seoul National University, Seoul, South Korea

Mentoring**Graduate Students**

Current: Chaebin Yoo^{†‡}, Sujin Park^{†‡}, E-young Kim^{†‡}, Hayoung Ryu^{†‡^}, Seohyeon Lee^{†‡&}
Past: Nayoung Kim[†], Wonyoung Kim^{†§}, Kyuli Lee

Undergraduates

Current: Yujin Choi^{^%}, Lian Yoo^{^%}, Seohyun Park^{^%&}, Bokyeong Jeong[&]
Past: Sumin Shin^{^%}, Yunsu Kim[^] (SKKU)

Jordan Shimabukuro, Arlene Chan[§], Marina Matsui, Shira Wald, Nichole Palmer, Su Gyeong Kim, Lorie Okada, Nicole Russo[§] (UHM)
Meriwether Morris (Duke)
Jin Shin, Kimberly M. Solomon, Randi H. Bennett[#], Diana Dinescu, Dylan G. Gee[#] (Dartmouth)

[†]Winners of the SKKU Graduate School Scholarship

[&]Winners of the SKKU 2023-1 Co-Deep Learning Project Competition (Grand Prize)

[%]Winners of the SKKU 2022-2 Co-Deep Learning Project Competition (Grand Prize)

[^]Winners of the SKKU 2022-1 Co-Deep Learning Project Competition (1st Prize)

[†]Winners of the SKKU 2021-2 Co-Deep Learning Project Competition (Grand Prize)

[§]Winners of the SKKU 2021-1 Co-Deep Learning Project Competition (1st Prize)

[§]Winners of the Undergraduate Scholarships for Academic Excellence

[#]Winners of the Benjamin G. Benner 1969 Award for Excellence in Psychology Research

Thesis/Comprehensive Exam Committees

Doctoral Dissertation: Hyeyoung Park (SNU), Meng Liu (University of Glasgow), Kyong Ah Kim (SKKU)

Master’s Thesis: Minjeong Kim, Sujin Shin, Eunjin Lee (SKKU), Jisoo Lee, Somin Kim (Seoul National University), Daechul Seo (Yonsei University)

Comprehensive Exam: Heewon Kwon (UHM)

Senior/Honors Thesis: Alysia Berglund (UHM)

PROFESSIONAL SERVICE AND ACTIVITIES

Professional Service

Director of Public Relations, Korean Society for Cognitive Science	2023-present
Board Member, Korean Society for Cognitive and Biological Psychology	2021-2023
Member, Society for Affective Science Awards Committee	2020-2022
Chair, Society for Affective Science Website Committee	2019-2021
<i>Ad hoc</i> Reviewer, U.S. Army Natick Soldier Center Scientific Review Committee	2016
Assistant Editor, The Korean Journal of Industrial and Organizational Psychology	2011-2013

Faculty and Departmental Committees

CNS Colloquium Committee (co-chair), Department of Psychology, UH Manoa	2020
Diversity Committee, Department of Psychology, UH Manoa	2019-2020
Psychology Undergraduate Studies Committee, Department of Psychology, UH Manoa	2018-2020
Dai Ho Chun Distinguished Chair Host Committee, UH Manoa	2018
Hanai Mentor, Hanai Host Family Program, UH Manoa	2018

Editorial Board/Consulting Journal Editor

Consulting Editor, <i>Journal of Cognitive Neuroscience</i>	2023-present
Review Editor, <i>Frontiers in Human Neuroscience</i> (Brain-Computer Interfaces section)	2023-present
Associate Editor, <i>Korean Journal of Cognitive & Biological Psychology</i>	2022-present
Review Editor, <i>Frontiers in Psychiatry</i> (Neuroimaging and Stimulation section)	2022-present
Review Editor, <i>Frontiers in Neuroimaging</i> (Social and Affective Neuroimaging section)	2021-present
Editorial Board Member, <i>Scientific Reports</i>	2019-present

Grant Reviews

National Research Foundation of Korea (South Korea)	2022-2023
Marsden Fund – Royal Society Te Aparangi (New Zealand)	2020
Agence Nationale de la Recherche – Département de Biologie & Santé (France)	2019

Ad Hoc Journal Reviews

<i>Acta Neuropsychiatrica</i>	<i>Frontiers in Neuroinformatics</i>
<i>Acta Psychologica</i>	<i>Frontiers in Psychiatry</i>
<i>Addiction Research and Theory</i>	<i>Frontiers in Psychology</i>
<i>American Journal of Drug and Alcohol Abuse</i>	<i>Genes, Brain and Behavior</i>
<i>American Journal of Psychiatry</i>	<i>GeroScience</i>
<i>Attention, Perception, & Psychophysics</i>	<i>Human Brain Mapping</i>
<i>Archives of General Psychiatry</i>	<i>International Journal of Geriatric Psychiatry</i>
<i>Behavior Research Methods</i>	<i>JAMA Psychiatry</i>
<i>Behavioral and Brain Functions</i>	<i>Journal of Affective Disorders</i>
<i>Behavioural Brain Research</i>	<i>Journal of Cognitive Neuroscience</i>
<i>Biological Psychiatry</i>	<i>Journal of Experimental Social Psychology</i>
<i>Biological Psychiatry: Cognitive Neurosci & Neuroimaging</i>	<i>Journal of Neuroscience</i>
<i>Biological Psychiatry: Global Open Science</i>	<i>Journal of Psychiatric Research</i>

<i>Biological Psychology</i>	<i>Journal of Visualized Experiments</i>
<i>Biology of Mood and Anxiety Disorders</i>	<i>Korean Journal of Cognitive & Biological Psychology</i>
<i>BMC Neuroscience</i>	<i>Molecular Neurobiology</i>
<i>Brain Imaging and Behavior</i>	<i>Molecular Psychiatry</i>
<i>Brain Research</i>	<i>Motivation and Emotion</i>
<i>Brain Sciences</i>	<i>Neuroimage</i>
<i>Brain Topography</i>	<i>Neuropsychologia</i>
<i>Clinical Psychological Science</i>	<i>Neuroreport</i>
<i>Cognitive Affective and Behavioral Neuroscience</i>	<i>Neuroscience</i>
<i>Consciousness and Cognition</i>	<i>Neuroscience Letters</i>
<i>Cortex</i>	<i>PeerJ</i>
<i>Current Biology</i>	<i>PLoS ONE</i>
<i>Development and Psychopathology</i>	<i>Proceedings of the National Academy of Sciences</i>
<i>Developmental Psychobiology</i>	<i>Psychiatry Research: Neuroimaging</i>
<i>Disease Models & Mechanisms</i>	<i>Psychological Medicine</i>
<i>Emotion</i>	<i>Psychoneuroendocrinology</i>
<i>European Journal of Neuroscience</i>	<i>Schizophrenia</i>
<i>Experimental Neurobiology</i>	<i>Scientific Reports</i>
<i>Frontiers in Behavioral Neuroscience</i>	<i>Sleep Medicine Reviews</i>
<i>Frontiers in Human Neuroscience</i>	<i>Social Cognitive and Affective Neuroscience</i>
<i>Frontiers in Neuroimaging</i>	<i>Social Neuroscience</i>

Other Services and Activities

Faculty Advisor, SKKU Co-Deep Learning Project (2023-1 Grand Prize Winners)	2023
Faculty Advisor, SKKU Co-Deep Learning Project (2022-2 Grand Prize Winners)	2022
Faculty Advisor, SKKU Co-Deep Learning Project (2022-1 1 st Prize Winners)	2022
Faculty Advisor, SKKU Co-Deep Learning Project (2021-2 Grand Prize Winners)	2021
Faculty Advisor, SKKU Co-Deep Learning Project (2021-1 1 st Prize Winners)	2021
Judge, APS Pitch Perfect Three-Minute Thesis Competition (Preliminary Round)	2021

PROFESSIONAL MEMBERSHIPS

Society for Affective Science (SAS)
 Social and Affective Neuroscience Society (SANS)
 Society for Social Neuroscience (S4SN)
 Society for Neuroscience (SFN)
 Cognitive Neuroscience Society (CNS)
 Association for Psychological Science (APS)
 Anxiety and Depression Association of America (ADAA)
 Korean Psychological Association (KPA)
 Korean Society for Cognitive and Biological Psychology (KSCBP)

OTHER RESEARCH AND CLINICAL EXPERIENCE

Stanford University, Palo Alto, CA

2006

Volunteer Research Assistant, Department of Psychology

Supervisor: Ian H. Gotlib

Research Experience: *Voxel-based morphometric brain analyses in subjects with and at-risk of major depressive disorder, bipolar disorder, and social phobia*

Seoul National Mental Hospital, Seoul, South Korea

2003-2004

Volunteer Research Assistant, Department of Psychology

Supervisor: Haejoo Yoon

Clinical Experience: *Recruiting and clinical testing of elderly patients with Alzheimer's disease, schizophrenia, and bipolar disorder*

Seoul National University College of Medicine, Seoul, South Korea

2002-2005

Senior Research Assistant, Department of Psychiatry

Supervisor: In Kyoon Lyoo

Research Experience: *Brain imaging studies of posttraumatic stress disorder patients of Taegu subway fire*

McLean Hospital, Harvard Medical School, Belmont, MA

2002

Volunteer Research Assistant (Jan-Feb 2002, Jun-Aug 2002), Brain Imaging Center

Supervisor: Perry F. Renshaw

Research Experience: *Voxel-based morphometric and region-of-interest brain analyses in patients with bipolar disorder*