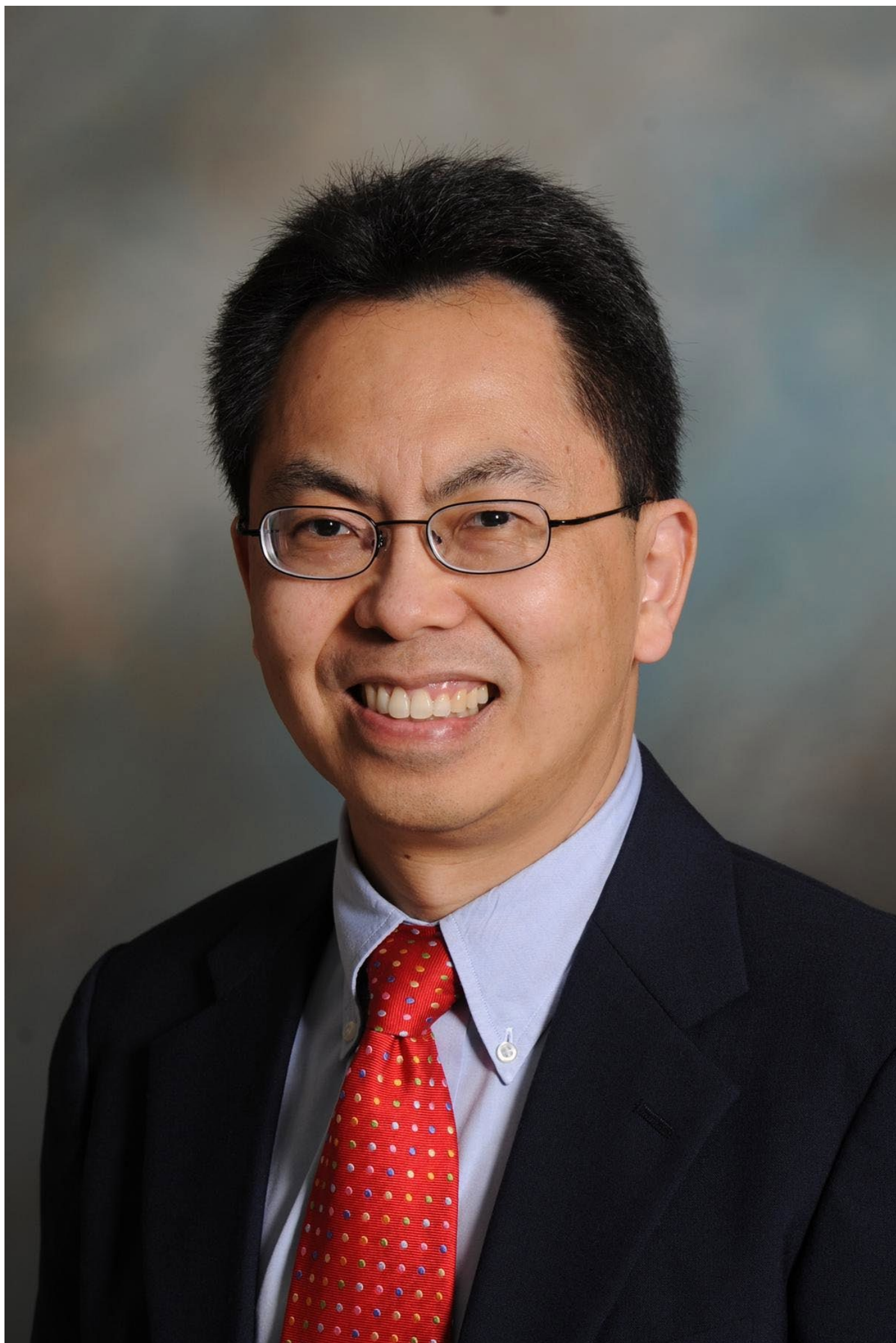


Kelvin O. Lim, MD



Researcher, Geriatric Research, Education and Clinical Center (GRECC), Minneapolis VA Health Care System

Director of Adult Mental Health Research, Department of Psychiatry and Behavioral Sciences, University of Minnesota

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Education

- BA, John Hopkins University, Baltimore, MD
 - MD, John Hopkins University School of Medicine, Baltimore, MD
 - Internship and Residency in Psychiatry, Stanford University School of Medicine, Stanford, CA
 - Fellow in Neuropsychiatric Imaging Laboratory of Physiological and Structural Brain Imaging, VA Medical Center, Palo Alto, CA
 - Leadership Development for Physicians in Academic Health Centers, Harvard School of Public Health, Boston, MA
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Research Interests

- Magnetic resonance methods to measure brain structure and function
 - Neuroplasticity based interventions using neuromodulation
 - Traumatic Brain Injury
 - Mild Cognitive Impairment and Dementia
 - Depression, Suicide
 - PTSD
 - Substance use disorders
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Selected Publications

- Stevenson, B. L., Kummerfeld, E., Merrill, J. E., Blevins, C., Abrantes, A. M., Kushner, M. G., & Lim, K. O. (2022). Quantifying heterogeneity in mood-alcohol relationships with idiographic causal models. *Alcoholism, Clinical and Experimental Research*, 46(10), 1913–1924. <https://doi.org/10.1111/acer.14933>
- Kang, S. S., Sponheim, S. R., & Lim, K. O. (2021). Interoception Underlies Therapeutic Effects of Mindfulness Meditation for Post-Traumatic Stress Disorder: A Randomized Clinical Trial. *Biological Psychiatry. Cognitive Neuroscience and Neuroimaging*. <https://doi.org/10.1016/j.bpsc.2021.10.005>
- Boroda E, Sponheim SR, Fiecas M, Lim KO. Transcranial direct current stimulation (tDCS) elicits stimulus-specific enhancement of cortical plasticity. *Neuroimage*. 2020 May 1;211:116598. doi: 10.1016/j.neuroimage.2020.116598. Epub 2020 Feb 4. PubMed PMID: 32032738.

- Gilmore CS, Dickmann PJ, Nelson BG, Lamberty GJ, Lim KO. Transcranial Direct Current Stimulation (tDCS) paired with a decision-making task reduces risk-taking in a clinically impulsive sample. *Brain Stimul.* 2018 Mar - Apr;11(2):302-309. PubMed PMID: 29174303.
- Kang SS, Erbes CR, Lamberty GJ, Thuras P, Sponheim SR, Polusny MA, Moran AC, Van Voorhis AC, Lim KO. Transcendental meditation for veterans with post-traumatic stress disorder. *Psychol Trauma.* 2018 Nov;10(6):675-680. doi:10.1037/tra0000346. Epub 2018 Jul 19. PubMed PMID: 30024219.
- Nienow TM, MacDonald AW 3rd, Lim KO. TDCS produces incremental gain when combined with working memory training in patients with schizophrenia: A proof of concept pilot study. *Schizophr Res.* 2016 Apr;172(1-3):218-9. PubMed PMID: 26852404.
- Polusny MA, Erbes CR, Thuras P, Moran A, Lamberty GJ, Collins RC, Rodman JL, Lim KO. Mindfulness-Based Stress Reduction for Posttraumatic Stress Disorder Among Veterans: A Randomized Clinical Trial. *JAMA.* 2015 Aug 4;314(5):456-65. Doi: 10.1001/jama.2015.8361. PubMed PMID: 26241597.
- Camchong J, Macdonald AW 3rd, Mueller BA, Nelson B, Specker S, Slaymaker V, Lim KO. Changes in resting functional connectivity during abstinence in stimulant use disorder: a preliminary comparison of relapsers and abstainers. *Drug Alcohol Depend.* 2014 Jun 1;139:145-51. PubMed PMID: 24745476; NIHMSID: NIHMS581910; PubMed Central PMCID: PMC4048754.