



Christopher Wallace Austelle

Postdoctoral Scholar, Psychiatry

Bio

PROFESSIONAL EDUCATION

- Doctor of Medicine, Medical University Of South Carolina (2019)
- Bachelor of Arts, College Of Charleston (2015)
- MD, Medical University of South Carolina (2019)

STANFORD ADVISORS

- Nolan Williams, Postdoctoral Faculty Sponsor
- Cammie Rolle, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Hope in the Face of "Futility": Considering the Full Scope of Psychiatric Treatment Options.** *AJOB neuroscience*
Austelle, C. W., Ehrie, J., Zabinski, J. S.
2024; 15 (1): 59-61
- **Transcutaneous Auricular Vagus Nerve Stimulation Attenuates Early Increases in Heart Rate Associated With the Cold Pressor Test.** *Neuromodulation : journal of the International Neuromodulation Society*
Austelle, C. W., Sege, C. T., Kahn, A. T., Gregoski, M. J., Taylor, D. L., McTeague, L. M., Short, E. B., Badran, B. W., George, M. S.
2023
- **A pilot randomized controlled trial of supervised, at-home, self-administered transcutaneous auricular vagus nerve stimulation (taVNS) to manage long COVID symptoms.** *Bioelectronic medicine*
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- **A pilot randomized controlled trial of supervised, at-home, self-administered transcutaneous auricular vagus nerve stimulation (taVNS) to manage long COVID symptoms.** *Research square*
Badran, B. W., Huffman, S. M., Dancy, M., Austelle, C. W., Bikson, M., Kautz, S. A., George, M. S.
2022
- **Electrical stimulation of the trigeminal nerve improves olfaction in healthy individuals: A randomized, double-blind, sham-controlled trial.** *Brain stimulation*
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2022; 15 (3): 761-768
- **A Comprehensive Review of Vagus Nerve Stimulation for Depression.** *Neuromodulation : journal of the International Neuromodulation Society*
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- **Sonication of the Anterior Thalamus With MRI-Guided Transcranial Focused Ultrasound (tFUS) Alters Pain Thresholds in Healthy Adults: A Double-Blind, Sham-Controlled Study.** *Focus (American Psychiatric Publishing)*
Badran, B. W., Caulfield, K. A., Stomberg-Firestein, S., Summers, P. M., Dowdle, L. T., Savoca, M., Li, X., Austelle, C. W., Short, E. B., Borckardt, J. J., Spivak, N., Bystritsky, A., George, et al
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- **The Future Is Noninvasive: A Brief Review of the Evolution and Clinical Utility of Vagus Nerve Stimulation.** *Focus (American Psychiatric Publishing)*
Badran, B. W., Austelle, C. W.
2022; 20 (1): 3-7
- **Neurophysiologic Effects of Transcutaneous Auricular Vagus Nerve Stimulation (taVNS) via Electrical Stimulation of the Tragus: A Concurrent taVNS/fMRI Study and Review.** *Focus (American Psychiatric Publishing)*
Badran, B. W., Dowdle, L. T., Mithoefer, O. J., LaBate, N. T., Coatsworth, J., Brown, J. C., DeVries, W. H., Austelle, C. W., McTeague, L. M., George, M. S.
2022; 20 (1): 80-89
- **A Review of Parameter Settings for Invasive and Non-invasive Vagus Nerve Stimulation (VNS) Applied in Neurological and Psychiatric Disorders.** *Frontiers in neuroscience*
Thompson, S. L., O'Leary, G. H., Austelle, C. W., Gruber, E., Kahn, A. T., Manett, A. J., Short, B., Badran, B. W.
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- **Sonication of the anterior thalamus with MRI-Guided transcranial focused ultrasound (tFUS) alters pain thresholds in healthy adults: A double-blind, sham-controlled study.** *Brain stimulation*
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- **Neurophysiologic effects of transcutaneous auricular vagus nerve stimulation (taVNS) via electrical stimulation of the tragus: A concurrent taVNS/fMRI study and review.** *Brain stimulation*
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- **Tragus or cyma conchae? Investigating the anatomical foundation of transcutaneous auricular vagus nerve stimulation (taVNS).** *Brain stimulation*
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- **Short trains of transcutaneous auricular vagus nerve stimulation (taVNS) have parameter-specific effects on heart rate.** *Brain stimulation*
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- **Developing Repetitive Transcranial Magnetic Stimulation (rTMS) as a Treatment Tool for Cocaine Use Disorder: a Series of Six Translational Studies.** *Current behavioral neuroscience reports*
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- **A Double-Blind Study Exploring the Use of Transcranial Direct Current Stimulation (tDCS) to Potentially Enhance Mindfulness Meditation (E-Meditation).** *Brain stimulation*
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- **A Double-Blind, Sham-Controlled Pilot Trial of Pre-Supplementary Motor Area (Pre-SMA) 1 Hz rTMS to Treat Essential Tremor.** *Brain stimulation*
Badran, B. W., Glusman, C. E., Austelle, C. W., Jenkins, S., DeVries, W. H., Galbraith, V., Thomas, T., Adams, T. G., George, M. S., Revuelta, G. J.
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- **What goes up, can come down: Novel brain stimulation paradigms may attenuate craving and craving-related neural circuitry in substance dependent individuals.** *Brain research*
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