

# Stanford

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## Brandon James Birckhead

Clinical Assistant Professor, Psychiatry and Behavioral Sciences

### CLINICAL OFFICE (PRIMARY)

- **Psychiatry**

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### Bio

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#### CLINICAL FOCUS

- Psychiatry

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Psychiatry and Behavioral Sciences

#### PROFESSIONAL EDUCATION

- Residency: Johns Hopkins Hospital (2024) MD
- Residency: Medical College of Wisconsin (2018) WI
- Internship: University of Tennessee (2017) TN
- Medical Education: Mayo Medical School (2016) MN

### Publications

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#### PUBLICATIONS

- **Durable Chronic Low Back Pain Reductions to 24-Months Post-Treatment for An Accessible, 8-Week, In-Home Behavioral Skills-Based Virtual Reality Program: A Randomized Controlled Trial.** *Pain medicine (Malden, Mass.)*  
Maddox, T., Sparks, C., Oldstone, L., Maddox, R., Ffrench, K., Garcia, H., Krishnamurthy, P., Okhotin, D., Garcia, L. M., Birckhead, B. J., Sackman, J., Mackey, I., Louis, et al  
2023
- **In-home virtual reality program for chronic low back pain: durability of a randomized, placebo-controlled clinical trial to 18 months post-treatment.** *Regional anesthesia and pain medicine*  
Maddox, T., Garcia, H., Ffrench, K., Maddox, R., Garcia, L., Krishnamurthy, P., Okhotin, D., Sparks, C., Oldstone, L., Birckhead, B., Sackman, J., Mackey, I., Louis, et al  
2022
- **Correction: Durability of the Treatment Effects of an 8-Week Self-administered Home-Based Virtual Reality Program for Chronic Low Back Pain: 6-Month Follow-up Study of a Randomized Clinical Trial.** *Journal of medical Internet research*  
Garcia, L., Birckhead, B., Krishnamurthy, P., Mackey, I., Sackman, J., Salmasi, V., Louis, R., Castro, C., Maddox, R., Maddox, T., Darnall, B. D.  
2022; 24 (6): e40038
- **Durability of the Treatment Effects of an 8-Week Self-administered Home-Based Virtual Reality Program for Chronic Low Back Pain: 6-Month Follow-up Study of a Randomized Clinical Trial (vol 24, e37480, 2022)** *JOURNAL OF MEDICAL INTERNET RESEARCH*  
Garcia, L., Birckhead, B., Krishnamurthy, P., Mackey, I., Sackman, J., Salmasi, V., Louis, R., Castro, C., Maddox, R., Maddox, T., Darnall, B. D.

2022; 24 (6)

- **Self-Administered Behavioral Skills-Based At-Home Virtual Reality Therapy for Chronic Low Back Pain: Protocol for a Randomized Controlled Trial.** *JMIR research protocols*  
Garcia, L., Darnall, B., Krishnamurthy, P., Mackey, I., Sackman, J., Louis, R., Maddox, T., Birckhead, B.  
2021; 10 (1): e25291
- **Double-blind, randomized placebo-controlled trial of 8-week self-administered at-home behavioral skills-based virtual reality (VR) for chronic low back pain (during COVID-19).** *Journal of medical Internet research*  
Darnall, B. n., Garcia, L. n., Birckhead, B. n., Krishnamurthy, P. n., Mackey, I. n., Sackman, J. n., Louis, R. n., Maddox, T. n.  
2021
- **Three-month follow-up results of a double-blind, randomized placebo-controlled trial of 8-week self-administered at-home behavioral skills-based virtual reality (VR) for chronic low back pain.** *The journal of pain*  
Garcia, L. M., Birckhead, B. J., Krishnamurthy, P., Mackey, I., Sackman, J., Salmasi, V., Louis, R., Maddox, T., Darnall, B. D.  
2021
- **Correction: Self-Administered Behavioral Skills-Based At-Home Virtual Reality Therapy for Chronic Low Back Pain: Protocol for a Randomized Controlled Trial.** *JMIR research protocols*  
Garcia, L. M., Darnall, B. D., Krishnamurthy, P. n., Mackey, I. G., Sackman, J. n., Louis, R. G., Maddox, T. n., Birckhead, B. J.  
2021; 10 (2): e27652
- **Recommendations for Methodology of Virtual Reality Clinical Trials in Health Care by an International Working Group: Iterative Study.** *JMIR mental health*  
Birckhead, B., Khalil, C., Liu, X., Conovitz, S., Rizzo, A., Danovitch, I., Bullock, K., Spiegel, B.  
2019; 6 (1): e11973
- **Methodology for Clinical Trials of Virtual Reality in Healthcare: Recommendations from an International Working Group** *JMIR Mental Health*  
Birckhead , B., et al  
2018