

# BENJAMIN L. THOMPSON

## EDUCATION

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- 2020 – present      **Postdoctoral Fellow, Yale University School of Medicine**, New Haven, CT  
*Neuroimaging Science Training Program in Addiction*
- 2015 – 2020      **Ph.D., Boston University School of Medicine**, Boston, MA  
*Behavioral Neuroscience* (advisor: Marlene Oscar-Berman, Ph.D.)  
*Addiction Science* (mentors: Lindsay Farrer, Ph.D.; Richard Saitz, M.D.)  
Dissertation: “Brain, Behavioral, and Affective Correlates of  
Recovery from Alcohol Use Disorders”
- 2011 – 2012      **M.A., Boston University**, Boston, MA  
*Science and Religion* (advisor: Wesley J. Wildman, Ph.D.)  
Thesis: “Identification as a Mechanism of Change in Alcoholics  
Anonymous”
- 2007 – 2009      **M.A., Samford University**, Birmingham, AL  
*Theological Studies* (advisor: Wilton H. Bunch, M.D., Ph.D.)  
Thesis: “From Ontology to Recovery: Rethinking Human Nature,  
Addiction, and the Prospect of Self-Help”
- 2003 – 2005      **B.S., The University of Alabama at Birmingham**, Birmingham, AL  
*Psychology and Philosophy*

## CLINICAL TRAINING/LICENSING

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- present      **Licensed Alcohol and Drug Counselor 1 (LADC 1)**  
Commonwealth of Massachusetts, Bureau of Substance Abuse Services
- 2019      **Substance Abuse/Addiction Counseling**  
University of Massachusetts Boston

## FELLOWSHIPS

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- 2015 – 2017      **Doctoral Research Fellow**  
Transformative Training Program in Addiction Science, Boston University  
School of Medicine  
Burroughs Wellcome Fund

## AWARDS

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- 2020 **Carol Biber Memorial Award** for meritorious achievement, Behavioral Neuroscience Ph.D. Program, Boston University School of Medicine
- Russek Student Achievement Award**, Division of Graduate Medical Sciences, Boston University School of Medicine

## INVITED TALKS

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- 2020 *Brain, Behavioral, and Affective Correlates of Recovery from Alcohol Use Disorders*. Boston University Laboratory of Neuropsychology, Boston Veterans Affairs Hospital.
- 2018 *Toward a Neuroscience of Addiction Recovery: The Significance of Dopamine*. Recovery Research Institute, Massachusetts General Hospital.
- Toward a Neuroscience of Addiction Recovery: The Significance of Dopamine*. Boston University Laboratory of Neuropsychology, Boston Veterans Affairs Hospital.
- Toward a Neuroscience of Addiction Recovery: The Significance of Dopamine*. Behavioral Neuroscience Colloquium, Boston University School of Medicine.
- 2013 *Spirituality, Clinical Science, and Corrections*. New England Symposium on Addictive Behaviors, Hyannis, MA
- 2012 *Spiritual Transformations and the Symbolic Self*. Seminar on the Evolutionary Origins of Religion, Tufts University.

## PUBLICATIONS

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- Thompson, B.**, Oscar-Berman, M., Kaplan, G. Opioid-Induced Structural and Functional Plasticity of the Nucleus Accumbens (in preparation)
- Thompson, B.**, Maleki, N., Oscar-Berman, M., Kelly, J.F., Sy, R. Duration of abstinence from alcohol is associated with volumetric differences in brain reward system (in preparation)
- Thompson, B.**, Kelly, J.F., Oscar-Berman, M., *Toward a Neuroscience of Addiction Recovery: The Significance of Dopamine* (in preparation)
- Maleki, N., Tahaney, K., **Thompson, B.**, Oscar-Berman, M. (2019). At the Intersection of Alcohol Use Disorder and Chronic Pain. *Neuropsychology*, 33(6), 795-807.
- Blum, K., **Thompson, B.**, Demetrovics, Z., Femino, J., Giordano, J., Oscar-Berman, M.,

Teitelbaum, S., Smith, D.E., Roy, A.K., Agan, G., Fratantonio, J., Badgaiyan, R.D., & Mark S. Gold, M.S. (2015). The molecular neurobiology of Twelve Steps Program & Fellowship: Connecting the dots for recovery. *Journal of Reward Deficiency Syndrome, 1(1)*, 46-64.

Schoenthaler, S., Blum, K., Braverman, E.R., Giordano, J., **Thompson, B.**, Oscar-Berman, M., Badgaiyan, R.D., Madigan, M., Dushaj, K., Li, M., Demetrovics, Z., Waite, R.L., & Gold, M.S. (2015). NIDA-Drug Addiction Treatment Outcome Study (DATOS) Relapse as a Function of Spirituality/Religiosity. *Journal of Reward Deficiency Syndrome 1(1)*, 36-45.

Blum, K., **Thompson, B.**, Oscar-Berman, M., Giordano, J., Braverman, E.R., Femino, J., Barh, D., Downs, B.W., Simpatico, T., & Schoenthaler, S. (2013). Genospirituality: Our beliefs, our genomes, and addictions. *Journal of Addiction Research & Therapy, 4(5)*, 1-7.

## CLINICAL EXPERIENCE

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2012 – 2015	<p><b>Clinical Director, AdCare Criminal Justice Services, Inc.</b>          Treatment and Recovery for Addictions in Corrections Program          Essex County Sherriff's Department, Middleton, MA</p>
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## RESEARCH EXPERIENCE

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2012 – present	<p><b>Graduate Research Assistant</b>          Boston University Laboratory of Neuropsychology          Boston University School of Medicine/Boston Veteran's Affairs          Hospital</p>
2005	<p><b>Research Assistant</b>          Laboratory of Experimental Psychology          The University of Alabama at Birmingham</p>

## SKILLS

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Neuroimaging	<p><b>Certified MRI Scanner</b>          MGH/MIT/HMS Athinoula A. Martinos Center for Biomedical          Imaging; Department of Radiology</p>
Neuroimaging software	<p><i>syngo</i>.MR Neuro fMRI</p>
Statistical software	<p>R Studio; MS Excel</p>
Other	<p>Microsoft Word/Excel/PowerPoint/Access; FileMaker Pro;          REDCap®</p>