

Bryan Thomas Denny, Ph.D.

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EMPLOYMENT

- 2016-present **Assistant Professor**
Dept. of Psychological Sciences
Rice University
Houston, TX
- 2012-2016 **Postdoctoral Fellow**
Dept. of Psychiatry
Icahn School of Medicine at Mount Sinai
Advisor: Harold Koenigsberg, M.D.
New York, NY
- 2005-2007 **Research Assistant**
Dept. of Psychological and Brain Sciences
Dartmouth College
Hanover, NH

EDUCATION

- 2012 **Ph.D., Columbia University, Psychology**
New York, NY
Advisor: Kevin Ochsner, Ph.D.
Dissertation: "Examining the temporal dynamics of emotion regulation via cognitive reappraisal"
- 2011 **M.Phil., Columbia University, Psychology**
New York, NY
- 2011 **M.A., Columbia University, Psychology**
New York, NY
- 2005 **B.A., Stanford University, Psychology, with Departmental Honors, with University Distinction**
Stanford, CA
 - Specialization in Neuroscience
 - *Minor*, Biological Sciences
 - *Minor*, PhilosophyAdvisor: Brian Knutson, Ph.D.

RESEARCH SUPPORT

Pending Award:

NIA R01 AG074229 **Denny, B. T. (PI)** **(Pending: Percentile = 18.0)**
"Biobehavioral mechanisms of smartphone-based cognitive emotion regulation training for unpaid primary caregivers of persons with Alzheimer's Disease"
\$1,585,830 (Direct); \$2,477,275 (Total), 25% effort
Role: Principal Investigator

NIA F31 AG074648 **Wu-Chung, E. L. (PI)** **(Pending: Impact Score = 34)**
"From stress to dementia risk: An examination of psychological, affective, and neurobiological mechanisms underlying cognitive health and immune function"
 \$174,505 (Total)
 Role: Consultant

Current / Awarded:

Rice University SSRI **Denny, B. T. (PI)** **2022-2023**
 Rice University Social Sciences Research Institute (SSRI) Seed Money Grant
"Investigating the neural mechanisms underlying emotion regulation training"
 \$10,000
 Role: Principal Investigator

NIMH R61/R33 MH125130 **Koenigsberg, H. W. (PI)** **2021-2023**
"Cognitive reappraisal training targeting emotion circuits as a therapeutic intervention in borderline patients"
 \$2,916,770 (Direct); \$4,799,017 (Total), 5% effort
 Role: Co-Investigator

NIA R21 AG061597 **Denny, B. T. (PI), Fagundes, C. P. (MPI)** **2020-2022**
"Neural mechanisms of enhancing emotion regulation in bereaved spouses"
 \$286,222 (Direct); \$445,155 (Total), 20% effort
 Role: Principal Investigator (Contact PI)

NIA R01 AG062690 **Fagundes, C. P. (PI)** **2019-2024**
"Individual differences in dementia spousal caregiver burden: A biobehavioral approach"
 \$3,925,000 (Total), 10% effort
 Role: Co-Investigator

Rice University IDEA **King, D. D. (PI), Sano, A., & Denny, B. T. (Co-PI's)** **2019-2021**
 InterDisciplinary Excellence Award
"Fostering positive emotions and psycho-physio resilience in job seekers and beyond"
 \$74,967
 Role: Co-Principal Investigator (Co-PI)

NEA 1855491-38-C **Fagundes, C. P. (PI)** **2019-2022**
"Music creativity intervention for cognitively impaired patients"
 \$300,000 (Total), cost share effort
 Role: Co-Investigator

NHLBI F31 HL147394 **Shahane, A. D. (PI)** **2019-2022**
"Psychological and inflammatory biobehavioral mechanisms underlying the association between bereavement and cardiovascular disease"
 \$221,916 (Total)
 Role: Sponsor

NSF 1853936 **DeLucia, P. (PI)** **2018-2022**
"REU Site: Translational Research in Psychological Sciences: Human Factors at Rice University"
 \$264,077 (Total)
 Role: Senior Personnel / Faculty Mentor

Completed:

Rice University	Denny, B. T. (PI)	2020-2021
Dept. of Psychological Sciences COVID-19 Research Support		
<i>"Emotion regulation during COVID-19 social distancing: Examining relationships with stress, health, and well-being"</i>		
\$1,000		
Role: Principal Investigator		
Rice University FIF	Denny, B. T. (PI), Fagundes, C. P. (Co-PI)	2017-2019
Faculty Initiatives Fund Award		
<i>"Neurobiological mechanisms of reappraisal training in bereaved spouses"</i>		
\$50,000		
Role: Principal Investigator		
Baylor College of Medicine	Denny, B. T. (PI)	2016-2017
Core for Advanced Magnetic Resonance Imaging Pilot Time Award		
<i>"Neurobiological mechanisms of reappraisal training in bereaved spouses"</i>		
\$5,000		
Role: Principal Investigator		
NIMH F32 MH105119	Denny, B. T. (PI)	2015-2016
Ruth L. Kirschstein National Research Service Award (NRSA)		
Individual Postdoctoral Fellowship, National Institute of Mental Health		
<i>"Predicting long-term clinical outcomes in borderline patients"</i>		
\$58,742 (Total)		
Role: Principal Investigator		
Stanford University		2004-2005
Stanford Undergraduate Research Programs (URP) Grant to support honors thesis research		
<i>"Localizing neural responses to affective stimuli in depressed and healthy volunteers"</i>		
\$4,300		

AWARDS AND HONORS

- Finalist, *Sophia Meyer Farb Prize for Teaching*, Rice University, 2020.
- Nominee, *Outstanding Undergraduate Research Mentor Award*, Rice University, 2020.
- *Poster Award*, Social and Affective Neuroscience Society, 2019.
- *Rising Star*, Association for Psychological Science, 2018.
- *Ruth L. Kirschstein F32 National Research Service Award (NRSA)*, NIMH/NIH, 2015-2016.
- *Travel Award*, Office of Postdoctoral Affairs, Icahn School of Medicine at Mount Sinai, 2015.
- *Travel Award*, Office of Postdoctoral Affairs, Icahn School of Medicine at Mount Sinai, 2013.
- *Travel Award*, Social and Affective Neuroscience Society, 2013.
- *Travel Award*, Columbia University, Dept. of Psychology, 2008-2012.
- *Neuroscience Fellowship*, Columbia University, Graduate School of Arts and Sciences, 2010-2012.
- *Faculty Fellowship*, Columbia University, Graduate School of Arts and Sciences, 2007-2010.
- *Phi Beta Kappa*, Stanford University, 2005.
- *University Distinction*, Stanford University, 2005.
- *Firestone Medal for Excellence in Undergraduate Research*, Honorable Mention, Stanford University, 2005.

- *Psi Chi, National Honor Society in Psychology*, Stanford University, 2004.
- *Robert C. Byrd Honors Scholarship*, 2001-2005.

PUBLICATIONS

* = Current or Former Lab Trainee

^ = Equal Contribution

Dicker, E. E.*, Jones, J. S.*, & **Denny, B. T.** (in press). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. *Frontiers in Psychology*.

Shahane, A. D.*, & **Denny, B. T.** (in press). Emotion regulation and writing. To appear in G. L. Schiewer, J. Altarriba, & B. C. Ng (Eds.), *Handbook of Language and Emotion*. Berlin: De Gruyter Mouton.

Wu-Chung, E. L., Leal, S. L., **Denny, B. T.**, Cheng, S. L., & Fagundes C. P. (2022). Spousal caregiving, widowhood, and cognition: A systematic review and a biopsychosocial framework for understanding the relationship between interpersonal losses and dementia risk in older adulthood. *Neuroscience & Biobehavioral Reviews*, 134, 104487.

Shahane, A. D.*, Pham, D. C.*, Lopez, R. B.*, & **Denny, B. T.** (2021). Novel computational algorithms to index lexical markers of psychological distancing and their relationship to emotion regulation efficacy over time. *Affective Science*, 2, 262-272.

Shahane, A. D.*, Fagundes, C. P., Buka, S. L., & **Denny, B. T.** (2021). Associations between linguistic markers of emotion regulation and cardiovascular disease-related inflammation. *Psychoneuroimmunology Journal*, 2, 1-8.

Shahane, A. D.*, LeRoy, A. S., **Denny, B. T.**, & Fagundes, C. P. (2020). Connecting cognition, cardiology, and chromosomes: Cognitive reappraisal impacts the relationship between heart rate variability and telomere length in CD8+CD28- cells. *Psychoneuroendocrinology*, 112, 104517.

Lopez, R. B.*^, Brown, R. L.*^, Wu, E. L.*^, Murdock, K. W., **Denny, B. T.**, Heijnen, C., & Fagundes, C. P. (2020). Emotion regulation and immune functioning during grief: testing the role of expressive suppression and cognitive reappraisal in inflammation among recently bereaved spouses. *Psychosomatic Medicine*, 82(1), 2-9.

Denny, B. T. (2020). Getting better over time: A framework for examining the impact of emotion regulation training. *Emotion*, 20(1), 110-114.

Rubin-Falcone, H., Weber, J., Kishon, R., Ochsner, K. N., Delaparte, L., Dore, B., Raman, S., **Denny, B. T.**, Oquendo, M. A., Mann, J. J., & Miller, J. M. (2020). Neural predictors and effects of cognitive behavioral therapy for depression: the role of emotional reactivity and regulation. *Psychological Medicine*, 50(1), 146-160.

Lopez, R. B.*, & **Denny, B. T.** (2019). Negative affect mediates the relationship between use of emotion regulation strategies and general health in college-aged students. *Personality and Individual Differences*, 151, 109529.

Shahane, A. D.*, & **Denny, B. T.** (2019). Predicting emotional health indicators from linguistic evidence of psychological distancing. *Stress and Health*, 35(2), 200-210.

Shahane, A. D.*[^], Lopez, R. B.*[^], & **Denny, B. T.** (2019). Implicit reappraisal as an emotional buffer: Reappraisal-related neural activity moderates the relationship between inattention and perceived stress during exposure to negative stimuli. *Cognitive, Affective, and Behavioral Neuroscience*, 19(2), 355-365.

Lopez, R. B.*, **Denny, B. T.**, & Fagundes, C. P. (2018). Neural mechanisms of emotion regulation and their role in endocrine and immune functioning: A review with implications for treatment of affective disorders. *Neuroscience and Biobehavioral Reviews*, 95, 508-514.

Reader, S.*, Lopez, R. B.*, & **Denny, B. T.** (2018). Cognitive reappraisal of low-calorie food predicts real-world craving and consumption of high- and low-calorie foods in daily life. *Appetite*, 131, 44-52.

Denny, B. T., & Ochsner, K. N. (2018). Minding the emotional thermostat: Integrating social cognitive and affective neuroscience evidence to form a model of the cognitive control of emotion. In C. Schmahl, K. L. Phan, & R. O. Friedel (Eds.), *Neurobiology of Personality Disorders* (pp. 95-109). New York: Oxford University Press.

Denny, B. T., Fan, J., Fels, S., Galitzer, H., Schiller, D., Siever, L. J., & Koenigsberg, H. W. (2018). Sensitization of the neural salience network to repeated emotional stimuli following initial habituation in patients with borderline personality disorder. *The American Journal of Psychiatry*, 175(7), 657-664.

Shahane, A. D.*, Fagundes, C. P., & **Denny, B. T.** (2018). Mending the heart and mind during times of loss: A review of interventions to improve emotional well-being during spousal bereavement. *Bereavement Care*, 37(2), 44-54.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rimsky, L., McMaster, A., Alexander, H., New, A. S., Goodman, M., Perez-Rodriguez, M., Siever, L. J., & Koenigsberg, H. W. (2016). Brain structural anomalies in borderline and avoidant personality disorder patients and their associations with disorder-specific symptoms. *Journal of Affective Disorders*, 200, 266-274.

Denny, B. T., Inhoff, M. C., Zerubavel, N., Davachi, L., & Ochsner, K. N. (2015). Getting over it: Long-lasting effects of emotion regulation on amygdala response. *Psychological Science*, 26(9), 1377-1388.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., Guerreri, S., Mayson, S. J., Rimsky, L., McMaster, A., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2015). Elevated amygdala activity during reappraisal anticipation predicts anxiety in avoidant personality disorder. *Journal of Affective Disorders*, 172, 1-7.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rimsky, L., New, A. S., Siever, L. J., & Koenigsberg, H. W. (2014). Insula-amygdala functional connectivity is correlated with habituation to repeated negative images. *Social Cognitive and Affective Neuroscience*, 9(11), 1660-1667.

Denny, B. T., & Ochsner, K. N. (2014). Behavioral effects of longitudinal training in cognitive reappraisal. *Emotion*, 14(2), 425-433.

Denny, B. T., Ochsner, K. N., Weber, J., & Wager, T. D. (2014). Anticipatory brain activity predicts the success or failure of subsequent emotion regulation. *Social Cognitive and Affective Neuroscience*, 9(4), 403-411.

Koenigsberg, H. W., **Denny, B. T.**, Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rinsky, L., New, A. S., Goodman, M., & Siever, L. J. (2014). The neural correlates of anomalous habituation to negative emotional pictures in borderline and avoidant personality disorder patients. *The American Journal of Psychiatry*, 171(1), 82-90.

Denny, B. T., Kober, H., Wager, T. D., & Ochsner, K. N. (2012). A meta-analysis of functional neuroimaging studies of self- and other judgments reveals a spatial gradient for mentalizing in medial prefrontal cortex. *Journal of Cognitive Neuroscience*, 24(8), 1742-1752.

Denny, B. T., Silvers, J. A., & Ochsner, K. N. (2009). How we heal what we don't want to feel: The functional neural architecture of emotion regulation. In A. M. Kring & D. M. Sloan (Eds.), *Emotion regulation and psychopathology: A transdiagnostic approach to etiology and treatment* (pp. 59-87). New York: Guilford Press.

Heatherton, T. F., Wyland, C. L., Macrae, C. N., Demos, K. E., **Denny, B. T.**, & Kelley, W. M. (2006). Medial prefrontal activity differentiates self from close others. *Social Cognitive and Affective Neuroscience*, 1, 18-25.

Manuscripts Under Review/Revision (*Current or Former Lab Trainee)

Shahane, A. D.*, Brown, R. L., **Denny, B. T.**, & Fagundes, C. P. (under revision). Lexical markers of cognitive reappraisal underlying the association between bereavement and cardiovascular disease.

Dicker, E. E.*, Goodson, P. N.*, & **Denny, B. T.** (under review). The neuroscience of emotion regulation. To appear in: *Oxford Bibliographies in Psychology*. Oxford, UK: Oxford University Press.

Manuscripts In Preparation (*Current or Former Lab Trainee)

Denny, B. T., Lopez, R. B.*, Chavez, J.*, Jones, J. S.*, Jungles, M.*, Goodson, P.*, & Dicker, E. E.* (in prep). Unpacking cognitive reappraisal: A meta-analysis of neuroimaging studies of psychological distancing and reinterpretation.

Dicker, E. E.*, Kunik, M. E., & **Denny, B. T.** (in prep). Intervention strategies targeting emotion regulation in primary caregivers of people with dementia.

Goodson, P. N.*, Lopez, R. B.*, & **Denny, B. T.** (in prep). Perceived stress moderates emotion regulation success in real-world contexts.

Shahane, A. D.*, Godfrey, D. A.*, Sabharwal, A., & **Denny, B. T.** (in prep). Predicting real-world emotion and health indicators from spontaneously-assessed linguistic evidence of psychological distancing using novel scalable technology.

Goodson, P. N.*, & **Denny, B. T.** (in prep). Individual differences in emotion regulation: Role of culture and cultural values.

Denny, B. T., Lopez, R. B.*, Wu, E. L.*, Dicker, E. E.*, Goodson, P. N.*, Jungles, M.*, Fan, J., Schulz, K., Ochsner, K. N., Trumbull, J., Lopez, M. M., Fels, S., Galitzer, H., Perez-Rodriguez, M., Rosell, D., Hazlett, E., McClure, M. M., New, A. S., & Koenigsberg, H. W. (in prep). Training in cognitive reappraisal in borderline personality disorder patients: Effects upon self-reported negative affect and whole-brain pattern expression.

SYMPOSIUM PRESENTATIONS AND TALKS

Denny, B. T. (2021, June). Examining the efficacy and mechanisms of emotion regulation training: Behavioral, linguistic, and neural evidence. Talk presented virtually at the *Gulf Coast Consortia Mental Health Research Seminar*.

Denny, B. T. (2018, December). Neural mechanisms of enhancing emotion regulation via cognitive reappraisal in bereaved spouses. Talk presented at the annual meeting of the *American College of Neuropsychopharmacology*, Hollywood, FL.

Denny, B. T. (2018, May). Enhancing emotion regulation through longitudinal training in cognitive reappraisal: A translational social cognitive neuroscience approach. Talk presented at the annual meeting of the *Society of Biological Psychiatry*, New York, NY.

Denny, B. T. (2017, November). Examining translational impacts of emotion regulation from a social cognitive neuroscience perspective. Talk presented at CogTea area meeting, Rice University, Houston, TX.

Denny, B. T. (2017, February). Examining the impact of longitudinal cognitive emotion regulation training in healthy and affectively-disordered populations: Evidence from psychological and neural indices of affect and regulatory success. Talk presented at CogTea area meeting, Rice University, Houston, TX.

Denny, B. T., Inhoff, M. C., Zerubavel, N., Davachi, L., & Ochsner, K. N. (2016, October). Finding the right ingredients: Comparing the psychological and neural mechanisms supporting longitudinal emotion regulation training success via distancing and reinterpretation. Talk presented at the *50th Annual Meeting of the Association for Behavioral and Cognitive Therapies*, New York, NY.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., Mayson, S. J., Rimsky, L., McMaster, A., Alexander, H., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2016, June). Can people be trained to be better emotion regulators? Evidence that longitudinal reappraisal training reduces self-reported negative emotion and amygdala activity and increases prefrontal cortex activity in borderline personality disorder patients. Talk presented at the annual meeting of the *Australasian Society for Social and Affective Neuroscience*, Sydney, Australia.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., Mayson, S. J., Rimsky, L., McMaster, A., Alexander, H., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2015, October). Can people be trained to be better emotion regulators? Evidence that longitudinal reappraisal training reduces self-reported negative emotion and amygdala activity and increases prefrontal cortex activity in borderline personality disorder patients. Talk presented at the *45th Annual Meeting of the Society for Neuroscience*, Chicago, IL.

Denny, B. T. (2015, October). Can people be trained to be better emotion regulators? Evidence that longitudinal reappraisal training reduces self-reported negative emotion and amygdala activity and increases prefrontal cortex activity in borderline personality disorder patients. Talk presented at the Brain Imaging Center Annual Symposium, Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., Guerreri, S., Mayson, S. J., Rimsky, L., McMaster, A., Alexander, H., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2015, May). Can emotion regulation be trained? Evidence that longitudinal reappraisal training reduces elevated negative emotion and amygdala reactivity and engages prefrontal cortex activity in borderline personality disorder. Talk presented at the *27th Annual Convention of the Association for Psychological Science*, New York, NY.

Denny, B. T., Inhoff, M. C., Zerubavel, N., Davachi, L., & Ochsner, K. N. (2015, May). Does Training Help? Behavioral And Neural Impacts Of Longitudinal Emotion Regulation Training To Enhance Cognitive Reappraisal In Healthy Adults. Talk presented at the annual meeting of the *Society of Biological Psychiatry*, Toronto, Canada.

Denny, B. T. (2015, May). Can we become better emotion regulators through training? Examining reappraisal training in healthy individuals and borderline personality disorder patients. Talk presented at interdepartmental Cognition Club meeting at the Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T. (2014, May). Examining emotional habituation to repeated negative stimuli in borderline personality disorder patients and healthy controls: Evidence for differential patterns of behavior, neural activity, and functional connectivity. Talk presented at the *6th Annual Friedman Brain Institute Neuroscience Retreat*, Icahn School of Medicine at Mount Sinai, New York Academy of Medicine, New York, NY.

Denny, B. T. (2014, May). Examining emotional habituation to repeated negative stimuli in borderline personality disorder patients and healthy controls: Evidence for differential patterns of behavior, neural activity, and functional connectivity. Talk presented at interdepartmental Cognition Club meeting at the Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rimsky, L., New, A. S., Siever, L. J., & Koenigsberg, H. W. (2013, November). Easier the second time around: Functional connectivity between insula and amygdala predicts habituation to repeated negative images. Talk presented at the *43rd Annual Meeting of the Society for Neuroscience*, San Diego, CA.

Denny, B. T. (2013, May). Neural mechanisms of habituation in healthy adults and borderline and avoidant personality disorder patients: Functional connectivity between insula and amygdala predicts habituation to repeated negative images. Talk presented at the Mount Sinai Translational and Molecular Imaging Institute (TMII) Neuroimaging Journal Club meeting, New York, NY.

Denny, B. T., Inhoff, M., Zerubavel, N., Davachi, L., & Ochsner, K. N. (2013, April). What determines whether the effects of emotion regulation will last? Talk presented at the annual meeting of the *Social and Affective Neuroscience Society*, San Francisco, CA.

Denny, B. T., Inhoff, M., Zerubavel, N., Davachi, L., & Ochsner, K. N. (2012, October). What determines whether the effects of emotion regulation will last? Talk presented at the *42nd Annual Meeting of the Society for Neuroscience*. New Orleans, LA.

Denny, B. T. (2012, October). What determines whether the effects of emotion regulation will last? Investigating the neural mechanisms underlying sustained effects of reappraisal practice. Talk presented at Social Cognitive Neuroscience Lab Meeting (PI: Kevin Ochsner), Columbia University Dept. of Psychology, New York, NY.

Denny, B. T. (2012, October). What determines whether the effects of emotion regulation will last? Talk presented at Columbia University Dept. of Psychology Cognitive Area Meeting. New York, NY.

Denny, B. T. (2012, March). Examining the temporal dynamics of emotion regulation via cognitive reappraisal. Talk presented at Columbia University Dept. of Psychology Social/Personality Area Meeting. New York, NY.

INVITED TALKS

Denny, B. T. (2021, November). How can we become better emotion regulators? Training and implementing emotion regulation skills as an essential component of mental health. Invited talk given at MD/PhD student seminar, McGovern Medical School, University of Texas Health Science Center at Houston.

Denny, B. T. (2019, May). Can we become better emotion regulators with training? Invited talk given at the Automaticity, Affect, Control, and Thought (AACT) Lab Meeting (PI: Kateri McRae), University of Denver, Denver, CO.

Denny, B. T. (2016, March). Can training enhance emotion regulation outcomes? Evidence from a translational social cognitive neuroscience perspective in healthy individuals and borderline personality disorder patients. Invited talk presented to the Department of Psychology, Rice University, Houston, TX.

Denny, B. T. (2015, June). Can we become better emotion regulators through training? Examining reappraisal training in healthy individuals and borderline personality disorder patients. Invited talk presented at the Mood and Anxiety Program (MAP) Science Meeting, Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T. (2015, April). Can we become better emotion regulators through training? Examining reappraisal training in healthy individuals and borderline personality disorder patients. Invited talk given at Clinical and Affective Neuroscience Lab Meeting (PI: Hedy Kober), Yale University Dept. of Psychiatry, New Haven, CT.

Denny, B. T. (2014, April). Examining emotional habituation to repeated negative stimuli in borderline personality disorder patients and healthy controls: Evidence for differential patterns of behavior, neural activity, and functional connectivity. Invited talk presented at Mood and Anxiety Disorders Program Depression Club meeting at the Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T. (2012, November). When and how can effects of emotion regulation persist? Evidence from reappraisal training. Invited talk given at Clinical and Affective Neuroscience Lab Meeting (PI: Hedy Kober), Yale University Dept. of Psychiatry, New Haven, CT.

CHAired SYMPOSIA

Denny, B. T. (2013, November). Fear, stress, and social networks. Symposium conducted at the 43rd Annual Meeting of the *Society for Neuroscience*. San Diego, CA.

ABSTRACTS / POSTERS (*Current or Former Lab Trainee)

Dicker, E. E.* , Jones, J. S.* , & **Denny, B. T.** (2021). *Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic*. Poster session presented at the 27th Annual Neuroscience Poster Session, UT Health Science Center at Houston, Houston, TX.

Dicker, E. E.* , Leal, L. S., Fagundes, C. P., & **Denny, B. T.** (2021). *Exploring the interaction between emotion regulation and inflammation on changes in episodic memory in older adults*. Poster session presented at the Society for Neuroscience's virtual Neuroscience 2021 conference.

Dicker, E. E.* , Jones, J. S.* , & **Denny, B. T.** (2021). *Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic*. Poster session presented at the 3rd Annual Gulf Coast Consortia Mental Health Research Symposium.

Denny, B. T., Lopez, R. B.* , Goodson, P. G.* , Chavez, J.* , Jones, J. S.* , Jungles, M.* , & Dicker, E. E.* (2021). *Unpacking cognitive reappraisal: A meta-analysis of neuroimaging studies of psychological distancing and reinterpretation*. Poster session presented at the 27th Annual Neuroscience Poster Session, UT Health Science Center at Houston, Houston, TX. (*P. G. Goodson, presenting author).

Goodson, P. N.* , Lopez, R. B.* , & **Denny, B. T.** (2021). *Perceived stress moderates emotion regulation success in real-world contexts*. Poster session presented at the 3rd Annual Gulf Coast Consortia Mental Health Research Symposium.

Denny, B. T., Lopez, R. B.* , Chavez, J.* , Jones, J. S.* , Goodson, P.* , & Dicker, E. E.* (2021). *Unpacking cognitive reappraisal: A meta-analysis of neuroimaging studies of psychological distancing and reinterpretation*. Poster session presented at the virtual annual meeting of the Association for Psychological Science.

Dicker, E. E.* , Jones, J. S.* , & **Denny, B. T.** (2021). *Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic*. Poster session presented at the virtual annual meeting of the Association for Psychological Science.

Shahane, A. D.* , LeRoy, A.S., **Denny, B. T.**, & Fagundes, C.P. (2021). *Connecting cognition, cardiology, and chromosomes: Cognitive reappraisal impacts the relationship between heart rate variability and telomere length in CD8+CD28- cells*. Poster session presented at virtual annual meeting of the Social & Affective Neuroscience Society. ****Poster Award Winner**

Dicker, E. E.* , Jones, J. S.* , & **Denny, B. T.** (2021). *Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic*. Poster session presented at the virtual annual meeting of the Social and Affective Neuroscience Society.

Shahane, A. D.* , LeRoy, A.S., **Denny, B. T.**, Fagundes, C.P. (2021). *Connecting cognition, cardiology, and chromosomes: Cognitive reappraisal impacts the relationship between heart rate variability and telomere length in CD8+CD28- cells*. Poster session presented at the Psychoneuroimmunology Research Society (PNIRS) annual meeting.

Shahane, A. D.* , Pham, D. C.* , Lopez, R. B.* , & **Denny, B. T.** (2021). *Novel computational algorithms to index lexical markers of psychological distancing and their relationship to emotion regulation efficacy, psychophysiology, and mental health*. Presentation at virtual annual meeting of the Society for Affective Science. ****Abstract Selected for Publication**

Dicker, E. E.* , Jones, J. S.* , & **Denny, B. T.** (2021). *Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic*. Poster session presented at the virtual annual meeting of the Social for Affective Science.

Shahane, A. D.* , Lopez, R. B.* , & **Denny, B. T.** (2019). *Training-induced changes in a whole-brain signature of cognitive reappraisal are related to reductions in grief and depressive symptoms in bereaved spouses*. Poster session presented at the 26th Annual Neuroscience Poster Session, UT Health Science Center at Houston, Houston, TX. *1st Prize for Graduate Student Poster*.

Denny, B. T., Lopez, R. B.* , Fan, J., Schulz, K., & Koenigsberg, H. W. (2019). *Longitudinal training in cognitive reappraisal enhances emotion regulation success in borderline personality disorder patients: evidence from self-reported negative affect and whole-brain pattern expression*. Poster session presented at the annual meeting of the Social and Affective Neuroscience Society, Miami, FL. *SANS Poster Award*.

Shahane, A. D.* , Lopez, R. B.* , & **Denny, B. T.** (2019). *Training-induced changes in a whole-brain signature of cognitive reappraisal are related to reductions in grief and depressive symptoms in bereaved spouses*. Poster session presented at the annual meeting of the Social and Affective Neuroscience Society, Miami, FL.

Shahane, A. D.* , Lopez, R. B.* , & **Denny, B. T.** (2019). *Unconscious emotion regulation is protective? Emotion regulation-related brain activity moderates the link between inattention and perceived stress during exposure to negative stimuli*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, Portland, OR.

Lopez, R. B.* , Reader, S. W.* , & **Denny, B. T.** (2019). *Individual differences in cognitive reappraisal of high- and low-calorie foods are associated with real world eating patterns*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, Portland, OR.

Shahane, A. D.* , Lopez, R. B.* , & **Denny, B. T.** (2018). *Implicit reappraisal as an emotional buffer: Reappraisal-related neural activity moderates the relationship between inattention and perceived stress during exposure to negative stimuli*. Poster session presented at the 25th Annual Neuroscience Poster Session, UT Health Science Center at Houston, Houston, TX.

Shahane, A. D.* , Lopez, R. B.* , & **Denny, B. T.** (2018). *Spontaneous recruitment of cognitive control brain regions serves as a buffer between risk for depression and a neural signature of negative emotion*. Poster session presented at the annual meeting of the Social and Affective Neuroscience Society, Brooklyn, NY.

Lopez, R. B.* , Shahane, A. D.* , & **Denny, B. T.** (2018). *Implicit reappraisal as an emotional buffer: Reappraisal-related brain activity moderates the link between inattention and perceived stress during exposure to negative stimuli*. Poster session presented at the annual meeting of the Social and Affective Neuroscience Society, Brooklyn, NY.

Shahane, A. D.* , Lopez, R. B.* , & **Denny, B. T.** (2017). *Spontaneous recruitment of cognitive control brain regions serves as a buffer between risk for depression and a neural signature of negative emotion*. Poster session presented at the 24th Annual Neuroscience Poster Session, UT Health Science Center at Houston, Houston, TX.

Denny, B. T., Fan, J., New, A. S., Goodman, M., Perez-Rodriguez, M., Fels, S., Galitzer, H., McMaster, A., Alexander, H., Siever, L. J., & Koenigsberg, H. W. (2016). *Borderline personality disorder patients show longitudinal amygdala and anterior insula sensitization to emotional stimuli following initial habituation*. Poster session presented at the annual meeting of the Social and Affective Neuroscience Society, New York, NY.

Denny, B. T., Fan, J., New, A. S., Goodman, M., Perez-Rodriguez, M., Fels, S., Galitzer, H., McMaster, A., Alexander, H., Siever, L. J., & Koenigsberg, H. W. (2016). *Borderline personality disorder patients show longitudinal amygdala and anterior insula sensitization to emotional stimuli following initial habituation*. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, New York, NY.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2015). *Can reappraisal be trained? Evidence that longitudinal reappraisal training engages prefrontal cortex activity and reduces amygdala activity and self-reported negative emotion in borderline personality disorder patients*. Poster session presented at the annual meeting of the Social and Affective Neuroscience Society, Boston, MA.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2015). *Can reappraisal be trained? Evidence that longitudinal reappraisal training engages prefrontal cortex activity and reduces amygdala activity and self-reported negative emotion in borderline personality disorder patients*. Poster session presented at the Translational and Molecular Imaging Institute (TMII) Fifth Annual Symposium, Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2015). *Can reappraisal be trained? Evidence that longitudinal reappraisal training engages prefrontal cortex activity and reduces amygdala activity and self-reported negative emotion in borderline personality disorder patients*. Poster session presented at VA Research Day, James J. Peters VA Medical Center, Bronx, NY.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., Guerreri, S., Mayson, S. J., Rimsky, L., McMaster, A., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2014). *The neural mechanisms of anticipation and implementation of reappraisal in avoidant personality disorder patients*. Poster session presented at the 44th Annual Meeting of the Society for Neuroscience, Washington, DC.

Denny, B. T., Fan, J., Liu, X., Ochsner, K. N., Guerreri, S., Mayson, S. J., Rimsky, L., McMaster, A., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2014). *The neural mechanisms of anticipation and implementation of reappraisal in avoidant personality disorder patients*. Poster session presented at the Brain Imaging Center Annual Symposium, Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rimsky, L., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2014). *Examining emotional habituation to repeated negative stimuli in borderline personality disorder patients and healthy controls: Evidence for differential patterns of behavior, neural activity, and functional connectivity*. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rimsky, L., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2013). *Functional connectivity between insula and amygdala predicts habituation to repeated negative images*. Poster session presented at the Translational and Molecular Imaging Institute (TMII) Third Annual Symposium, Icahn School of Medicine at Mount Sinai, New York, NY.

Koenigsberg, H. W., **Denny, B. T.**, Fan, J., Liu, X., Rinsky, L., New, A., & Siever, L. J. (2013). *Anomalous insula-amygdala functional connectivity in borderline personality disorder is associated with impaired psychological habituation to negative stimuli*. Poster session presented at the Translational and Molecular Imaging Institute (TMII) Third Annual Symposium, Icahn School of Medicine at Mount Sinai, New York, NY.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rinsky, L., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2013). *Functional connectivity between insula and amygdala predicts habituation to repeated negative images*. Poster session presented at VA Research Day, James J. Peters VA Medical Center, Bronx, NY.

Koenigsberg, H. W., **Denny, B. T.**, Fan, J., Liu, X., Rinsky, L., New, A., & Siever, L. J. (2013). *Anomalous insula-amygdala functional connectivity in borderline personality disorder is associated with impaired psychological habituation to negative stimuli*. Poster session presented at VA Research Day, James J. Peters VA Medical Center, Bronx, NY.

Denny, B. T., Fan, J., Liu, X., Guerreri, S., Mayson, S. J., Rinsky, L., New, A. S., Goodman, M., Siever, L. J., & Koenigsberg, H. W. (2013). *Functional connectivity between insula and amygdala predicts habituation to repeated negative images*. Poster session presented at the 5th Annual Friedman Brain Institute Neuroscience Retreat, Icahn School of Medicine at Mount Sinai, New York Academy of Medicine, New York, NY.

Denny, B. T., & Ochsner, K. N. (2012). *Can cognitive emotion regulation efficacy be improved through training? Behavioral and psychophysiological evidence from longitudinal reappraisal practice*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

Denny, B. T., Koenigsberg, H. W., & Ochsner, K. N. (2011). *Examining the temporal dynamics of emotion regulation: Evidence from longitudinal reappraisal practice in borderline personality disorder patients*. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Denny, B. T., Koenigsberg, H. W., & Ochsner, K. N. (2011). *Examining the temporal dynamics of emotion regulation: Evidence from longitudinal reappraisal practice*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Denny, B. T., Kober, H., Wager, T. D., & Ochsner, K. N. (2010). *Comparing the neural correlates of self and other-referential judgments: A meta-analysis of functional neuroimaging studies*. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, Canada.

Denny, B. T., Kober, H., Wager, T. D., & Ochsner, K. N. (2010). *Comparing the neural correlates of self and other-referential judgments: A meta-analysis of functional neuroimaging studies*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, Las Vegas, NV.

Denny, B. T., Ochsner, K. N., Weber, J., Davidson, M. L., Hughes, B. L., & Wager, T. D. (2009). *Why regulation fails: Anticipatory prefrontal cortex activity predicts increased amygdala activity and reduced reappraisal success*. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Denny, B. T., Kelley, W. M., Moran, J. M., & Heatherton, T. F. (2007). *An fMRI investigation of the effects of a negative mood induction procedure on self-reflection*. Poster session presented at the annual meeting of the Society for Personality and Social Psychology, Memphis, TN.

Denny, B. T., & Knutson, B. (2005). An optimized amygdala localizer for FMRI. *2005 Lucas Annual Report*, 75. Retrieved June 23, 2006, from http://rsl.stanford.edu/research/lucas_report-2005.pdf

PROFESSIONAL ACTIVITIES

Consulting Editor

Social Cognitive and Affective Neuroscience

Ad-hoc Reviewer

Affective Science

Behavioral Neuroscience

Behaviour Research and Therapy

Biological Psychiatry

Biological Psychiatry: CNNI

Biological Psychology

Brain Imaging and Behavior

Brain Structure and Function

Brain Topography

Cerebral Cortex

Cognition, Technology & Work

Cognitive, Affective, & Behavioral Neuroscience

Current Directions in Psychological Science

Current Opinion in Behavioral Sciences

Developmental Psychology

Emotion

Emotion Review

Experimental Psychology

European Psychiatry

Frontiers in Behavioral Neuroscience

Human Brain Mapping

Journal of Affective Disorders

Journal of Cognitive Neuroscience

Journal of Experimental Psychology:Gen

Journal of Experimental Psychology:Applied

Journal of Experimental Social Psychology

Journal of Neuroscience

Nature Communications

NeuroImage

Neuropsychologia

Neuroscience and Biobehavioral Reviews

Personality and Social Psychology Review

PLOS ONE

Psychiatry Research

Psychiatry Research: Neuroimaging

Psychological Medicine

Psychonomic Bulletin and Review

Psychophysiology

Scientific Reports

Social Cognitive and Affective Neuroscience

Stress and Health

WIREs Cognitive Science

Ad-hoc Grant Reviewer

Austrian Science Fund (FWF)

Israel Science Foundation (ISF)

National Science Foundation (NSF)

U.S.-Israel Binational Science Foundation (BSF)

TEACHING

Rice University

Spring 2022

PSYC 366: Methods in Social Cognitive and Affective Neuroscience

Spring 2022

PSYC 586/NEUR 503: Social and Affective Neuroscience

Spring 2021

PSYC 354: Introduction to Social and Affective Neuroscience

Spring 2021

PSYC 366: Methods in Social Cognitive and Affective Neuroscience

Fall 2020

PSYC 452/552: Emotion Regulation

Spring 2020

PSYC 354: Introduction to Social and Affective Neuroscience

Spring 2020

PSYC 586/NEUR 503: Social and Affective Neuroscience

Spring 2019

PSYC 354: Introduction to Social and Affective Neuroscience

Spring 2019

PSYC 366: Methods in Social Cognitive and Affective Neuroscience

Fall 2018

PSYC 452/552: Emotion Regulation

Spring 2018

PSYC 354: Introduction to Social and Affective Neuroscience

Spring 2018

PSYC 586/NEUR 503: Social and Affective Neuroscience

Fall 2017

PSYC 452/552: Emotion Regulation

Columbia UniversityLecturer

Summer 2014 PSYC S1001: The Science of Psychology

Teaching Assistant

Fall 2011 PSYC W1010: Mind, Brain, & Behavior
Guest Lecture: "Emotion and Emotion Regulation"

Fall 2010 Instructor, PSYC W1451: Experimental Psychology Lab

Fall 2010 PSYC W1450: Experimental Psychology

Spring 2010 Instructor, PSYC W1451: Experimental Psychology Lab

Spring 2010 PSYC W1450: Experimental Psychology

Fall 2008 PSYC W1010: Mind, Brain, & Behavior

Spring 2008 PSYC W1001: The Science of Psychology
Guest Lecture: "Social Rejection and the Brain"

SERVICE ACTIVITIES

Psi Chi Faculty Sponsor, Spring 2022-present

Neuroscience Undergraduate Curriculum Committee, 2021-present

Cognitive and Affective Neuroscience Faculty Search Committee, 2021-2022

Mentor, NSF Research Experiences for Undergraduates (REU), June-July 2021.

Mentor, NIH Short-Term Research Experience Program to Unlock Potential (STEP-UP), June-August 2021.

Panelist, NIH/FNIH Virtual Meeting "Relating Target Engagement to Clinical Benefit – Biomarkers for Brain Disorders of Aging", July-August 2021.

Participant, Gulf Coast Consortia (GCC) Annual Consortia/Cluster Review, July 2021.

Panelist, NeuroCamp, Rice Neuroscience Society, June-August 2021.

Faculty Sponsor, PSYC 532: Health Research Seminar (weekly seminar series), 2017-present

Guest Lectures and Advising, Rice Neuroscience Society, 2019-present

Associate, Hanszen College, 2017-present

Judge for Rice Undergraduate Research Symposium (RURS), 2017-present

Volunteer for Rice Admit Day, 2017-present

Volunteer for Rice VISION Recruitment Dinner, 2017-present

O-Week Group Advisor, Hanszen College, 2018-2019

Department QEP Committee, 2017-2019

Aging/Health Faculty Search Committee, 2017-2019

TRAINEES ADVISED

Anoushka Shahane – Graduate Student – August 2017-present

Eva Dicker – Graduate Student – August 2019-present

Pauline Goodson – Graduate Student – August 2020-present

Mallory Jungles – Lab Manager / Full-Time Research Assistant – June 2021-present

Charlotte Hirsch – Undergraduate Student – August 2019-present & Rice Undergraduate Scholars Program (RUSP) Honors Thesis Advisee, 2021-2022

Morike Ayodeji – Undergraduate Student – May 2021-present

Andrea Cedillo – Undergraduate Student – May 2021-present

Gospel Ibe – Undergraduate Student – August 2021-present

Ridwana Islam – Undergraduate Student – May 2021-present

David Palmer – Undergraduate Student – May 2021-present

Nischal Ada – Undergraduate Student – September 2021-present

Tiffany Padilla – Undergraduate Student – August 2021-present

Kristine Yuan – Undergraduate Student – May 2021-present

Alyssa Balandran – Undergraduate Student – January 2021-present

Sachi Kishinchandani – Undergraduate Student – January 2021-present
Ambreen Younas – Undergraduate Student – January 2021-present
Taria Dearbone – Visiting Undergraduate Student – July 2020-July 2021
Jenna Jones – Lab Manager / Full-Time Research Assistant – May 2019-June 2021
Rohini Kumar – Undergraduate Student – January 2019-May 2021 & Neuroscience Honors Thesis Advisee, 2020-2021
Daphne Campo – Undergraduate Student – August 2019-May 2021 & Psychology Honors Thesis Advisee, 2020-2021
Madison Miller – Undergraduate Student – September 2020-May 2021
Jennifer Spalten – Undergraduate Student – January 2020-May 2021
Christopher Almendariz – Undergraduate Student – August 2019-May 2021
Brandon Hayes – Undergraduate Student – August 2019-May 2021
Rebecca Artall – Undergraduate Student – August 2018-present & Cognitive Science Honors Thesis Advisee, 2019-2020
Jennifer Truitt – Undergraduate Student – January 2019-present & Psychology Honors Thesis Advisee, 2019-2020
Daniel Pham – Undergraduate Student – August 2018-May 2020
Madeleine Fuselier – Undergraduate Student – August 2018-May 2020
Richard Lopez – Postdoctoral Fellow – August 2017-August 2019
Shane Reader – Graduate Student – August 2017-June 2018
Julia Chavez – Lab Manager / Full-Time Research Assistant – June 2017-May 2019
Noha Mohamed – Research Assistant Volunteer – August 2017-May 2019
Kyla Barnwell – Undergraduate Student – August 2019-December 2019
Allison Gregg – Undergraduate Student – August 2016-May 2019
Yukina Chiba – Tomodachi STEM Visiting Student – February 2019-March 2019
Erica Lee – Undergraduate Student – May 2018-December 2018
Olasina Awe – Undergraduate Student – May 2018-December 2018
Vivian Wong – Undergraduate Student – May 2018-December 2018
Derek Brown – Undergraduate Student – May 2018-September 2018
Vivian Wilhelms – Undergraduate Student – October 2017-May 2018
Serena Brandler – Undergraduate Student – August 2016-May 2018, and Psychology Honors Thesis Advisee, 2017-2018
Isabel Jiang – Undergraduate Student – August 2017-May 2018
Donni Staley – Undergraduate Student – August 2017-May 2018
Olivia Lewis – Undergraduate Student – August 2016-May 2017