

Elizabeth J. Lewis, M.S., M.Phil.

elizabeth.lewis@yale.edu

2 Hillhouse Ave
New Haven, CT 06511
(609) 802-8910

EDUCATION

- Yale University Graduate School of Arts and Sciences** *8/2014-present*
- Doctoral Candidate, Clinical Psychology
- Cornell University College of Arts and Sciences 2012, Cum Laude** *8/2008-5/2012*
- Psychology major, Music minor
 - GPA: 3.86; In Major: 3.95
 - Junior/Senior GPA: 3.93

HONORS/AWARDS

- Richard W. Woodward Scholarship Fellow, Yale Graduate School of Arts and Sciences *2016-17*
- Smadar Levin Award, Finalist, Society for Research in Psychopathology *2016*
- National Science Foundation Graduate Research Fellowship Program, Honorable Mention *2015*
- NIH Intramural Research Training Award *2012-2014*
- Honors in Psychology/Distinction in All Subjects *2012*
- Dean's List: 6 semesters *2009-2012*
- Golden Key International Honor Society *2010*
- National Society of Collegiate Scholars *2009*

RESEARCH EXPERIENCE

- **Affect Regulation and Cognition Lab, Yale University** *8/2014-present*
 - Currently investigating the cognitive and affective mechanisms underlying worry and rumination with eye tracking, psychophysiological, and neuroimaging methodologies
 - Supervisor: Jutta Joormann, PhD
- **National Institutes of Health Postbaccalaureate Intramural Research Training Award, Section on Affective Cognitive Neuroscience, NIMH** *7/2012-7/2014*
 - Research focus includes using fMRI and behavioral data to clarify the underlying neuropathologies of Generalized Anxiety Disorder versus Generalized Social Phobia.
 - Responsible for data collection and preliminary analysis of fMRI and behavioral data for our studies with individuals with GAD/SAD
 - Responsible for generating task statement stimuli for four novel fMRI and behavioral studies for both children and adults
 - Responsible for recruitment, preliminary telephone screening, coordinating in-person screens, and maintaining database of healthy control participants
 - Aiding in screening and scanning of youth with Disruptive Behavior Disorders
 - Experience gained in E-Prime, Presentation, AFNI, SPSS, Unix, Excel macros
 - Supervisors: Karina S. Blair, PhD, R. James R. Blair, PhD
- **Senior Honors Thesis, Cornell University** *8/2011-5/2012*

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- Examined the role that posture and bodily feedback of emotions have in creativity and related mental constructs
- Experience gained in SPSS
- Supervisor: David Pizarro, PhD

- **Social Psychology Laboratory, Cornell University** *2/2010-5/2011*
 - Collected judgment and decision-making data by running experiments, administering written and verbal surveys, and researching financial investing sites.
 - Supervisor: Thomas Gilovich, PhD

- **Perception, Attention, and Film Structure Laboratory, Cornell University** *8/2010-5/2011*
 - Studied the role of event perception and visual attention by parsing scenes and cuts from films.
 - Supervisor: James Cutting, PhD

- **Auditory and Visual Statistical Learning Laboratory, Princeton University** *5/2010-8/2010*
 - Coordinated and ran experiments on visual and auditory statistical learning
 - Experience gained in generating novel tasks in MATLAB with Psychtoolbox
 - Supervisor: Nicholas Turk-Browne, PhD

- **Cognitive Science Laboratory, Cornell University** *1/2009-5/2010*
 - Administered experiments on reaction times to forms of the past tense
 - Organized and consolidated raw data in Excel.
 - Supervisors: Sarah Anderson, PhD, Michael Goldstein, PhD

- **Woodrow Wilson School of Public and International Affairs Survey Research Center, Princeton University** *5/2009-8/2009*
 - Administered telephone-based surveys, recruited ~200 participants nationwide for future surveys.
 - Supervisor: Edward Freeland, PhD

CLINICAL EXPERIENCE

- **Yale-New Haven Hospital Intensive Outpatient Program, DBT Program** *7/2017-present*
 - Providing group, individual, and family therapy to individuals enrolled in Dialectical Behavior Therapy at the Intensive Outpatient Program at YNHH
 - Supervisors: Seth Axelrod, PhD, Emily Cooney, PhD

- **Yale Child Study Center, Program for Anxiety** *8/2016-7/2017*
 - Engaged in assessments (Anxiety Disorders Interview Schedule) with children with anxiety and their parents, as well as in individual Cognitive Behavior Therapy (CBT)
 - Supervisors: Wendy Silverman, PhD, ABPP, Eli Lebowitz, PhD

- **Yale Psychology Department Clinic** *8/2014-12/2016*
 - Engaged in psychological assessments as well as individual and group work incorporating

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- CBT, mindfulness techniques, Acceptance and Commitment Therapy (ACT), and additional skills from Dialectical Behavior Therapy (DBT)
- Supervisor: Mary O'Brien, PhD
- **Tutor, St. Elizabeth's Psychiatric Hospital** *2/2013-6/2014*
 - Aided individuals in treatment in preparation for GED; general mathematics and reading/writing tutoring as treatment enrichment
 - Supervisor: Emily Monahan
 - **Field Practicum** *9/2011-5/2012*
 - Engaged in weekly individualized play therapy with four children in need of support from nearby elementary school.
 - Supervisor: Harry Segal, PhD
 - **Empathy, Assistance, and Referral Services (EARS) Counselor and Trainer** *1/2010-5/2012*
 - Completed three semesters of training, final practical exam to become a peer counselor
 - Peer counselor to students and other members of the Ithaca community
 - Lectured to and led small group training sessions for Beginner and Advanced prospective counselors for two semesters
 - EARS Outreach Liaison to University Council on Mental Health
 - Supervisor: Janet Shortall, LCSW
 - **Mental Health Association of Westchester** *5/2011-8/2011*
 - Planned and lead group therapies for adults with severe mental illnesses
 - Investigated Medicaid policy and its interaction with mental health care providers in NY and other states
 - Supervisors: Barbara Bernstein, PhD; Cindy Peterson-Dana, LCSW
 - **Youth Outreach Undergraduates Reshaping Success (YOURS)** *1/2010-5/2011*
 - Mentor for after school program for underserved youth residing in and nearby under-served mobile home parks in Freeville, NY
 - Arts and Crafts Coordinator

TEACHING EXPERIENCE

- **Teaching Assistant, PSYC 200: Statistics** *1/2017-5/2017*
 - Taught two laboratory sections per week, applying material learned in lecture to how it would be carried out in an analysis program (SPSS). Graded weekly homework, midterms, finals, and advised the design, data collection, analysis and writing of novel research projects
- **Teaching Assistant, PSYC 180: Abnormal Psychology** *1/2016-5/2016*
 - Aided in grading assignments for 50 students in introductory abnormal psychology lecture course, gave brief introductory lecture, and aided in creation of midterm and final exams

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- **Teaching Assistant, CDE 505 01/ PSYC 657 01: Social and Behavioral Foundations of Health, Yale School of Public Health** 8/2015-12/2015
 - Taught discussion section for 16 students, gave guest lecture on the intersection of public health and neuroscience in mental health, and graded student assignments
- **Tutor, St. Elizabeth's Psychiatric Hospital** 2/2013-6/2014
 - Aiding individuals in treatment in preparation for GED; general mathematics and reading/writing tutoring as treatment enrichment
- **Empathy, Assistance, and Referral Services (EARS) Trainer** 8/2011-5/2012
 - Lectured to and led small group training sessions for Beginner and Advanced prospective counselors
- **Mental Health Association of Westchester** 5/2011-8/2011
 - Planned and lead group therapies for adults with severe mental illnesses, including Academic Enrichment, during which I tutored clients in mathematics, reading, and writing

PUBLICATIONS

- Lewis, E. J., & Joormann, J. (2018). Rumination. In D. S. Dunn (Ed.), *Oxford Bibliographies in Psychology*. New York, NY: Oxford University Press. doi: 10.1093/OBO/9780199828340-0206
- Lewis, E., Yoon, K. L., & Joormann, J. (2017). Emotion regulation and biological stress responding: Associations with worry, rumination, and reappraisal. *Cognition and Emotion*. <http://dx.doi.org/10.1080/02699931.2017.1310088>
- White, S. F., Geraci, M., Lewis, E., Leshin, J., Teng, C., Averbeck, B., Meffert, H., Ernst, M., Blair, J. R., Grillon, C., & Blair, K. S. (2016). Prediction error representation in individuals with generalized anxiety disorder during passive avoidance. *American Journal of Psychiatry*, 174(2), 110-117. <http://dx.doi.org/10.1176/appi.ajp.2016.15111410>
- Blair, K. S., Otero, M., Teng, C., Geraci, M., Lewis, E., Hollon, N., Blair, R. J. R., Ernst, M., Grillon, C., & Pine, D.S. (2016). Learning from other people's fear: Amygdala-based social reference learning in social anxiety disorder. *Psychological Medicine*, 46(14), 2943-2953. <http://doi.org/10.1017/S0033291716001537>

PUBLICATIONS UNDER REVIEW AND IN PREPARATION

- Lewis, E., Blanco, I., Raila, H., & Joormann, J. (under review). Does emotion regulation affect attention? Differential effects of worry and rumination on attention to emotional stimuli.
- Lewis, E., Tanovic, E., Allswede, D., & Joormann, J. (in prep). Worry as emotion-dampening, rumination as emotion-provoking? Differential functional connectivity between the

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amygdala and frontal regulatory regions during emotion regulation.

Blair, K.S.; Teng, C.; Geraci, M.; **Lewis, E.**; Blair, J.R.; Pine, D.S. (in prep). Neural response to praise and criticism in generalized social phobia, generalized anxiety disorder, and comorbid generalized anxiety disorder and social phobia.

PRESENTATIONS

Lewis, E., Blanco, I., Raila, H., Joormann, J. Worry, Rumination, and Joy: How to Broaden Your Scope of Attention. *Oral presentation, Family and Friends event, Yale New Haven Hospital Adult Intensive Outpatient Dialectical Behavior Therapy Program, March 26, 2018.*

Leshin, J., White, S., Geraci, M., **Lewis, E.**, Teng, C., Averbeck, B., Meffert, H., Ernst, M., Blair, J., Grillon, C., Blair, K. Prediction error representation in individuals with generalized anxiety disorder during passive avoidance. *Society for Neuroscience, Washington, DC, November 11, 2017.*

Lewis, E., Tanovic, E., Allswede, D., Joormann, J. Emotion suppression and perpetuation: Altered functional connectivity of the amygdala during worry versus rumination. *Poster presentation, Society for Research in Psychopathology, Denver, CO, September 17, 2017.*

Lewis, E., Joormann, J. Rumination approaches, worry avoids: Differential effects of worry, rumination, and reappraisal on attention to emotional stimuli. *Oral presentation, Current Works in Clinical Neuroscience, Yale University, April 6, 2017.*

Lewis, E., Joormann, J. The emotional pull of rumination: Differential effects of worry, rumination, and reappraisal on attention to emotional stimuli. *Oral presentation, Association for Behavioral and Cognitive Therapies, New York, NY, October 28, 2016.*

Lewis, E., Joormann, J. The emotional pull of rumination: Differential effects of worry, rumination, and reappraisal on attention to emotional stimuli. *Poster presentation, Smadar Levin Award Finalist, Society for Research in Psychopathology, Baltimore, MD, September 29, 2016.*

Lewis, E., Joormann, J. Functional connectivity of the amygdala during worry and rumination. *Oral presentation, Clinical Area Current Works Blitz Talks, Yale University, March 3, 2016.*

Lewis, E., Yoon, L., Joormann, J. Social and Behavioral Influences on Mental Health: Evidence from Biological Stress Reactivity in Social Anxiety Disorder. *Lecture for CDE 505 01/ PSYC 657 01: Social and Behavioral Foundations of Health, Yale School of Public Health, New Haven, CT, November 17, 2015.*

Lewis, E., Blair, K.S., Yoon, L., Joormann, J. Neurobiological correlates of perseverative cognition and emotion regulation in Generalized Anxiety Disorder and Social Anxiety

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Disorder: Disorder specific and non-specific processes. *Oral presentation, Association for Behavioral and Cognitive Therapies, Chicago, IL, November 14, 2015.*

Lewis, E., Yoon, L., Joormann, J. Biological stress reactivity in Social Anxiety Disorder: Differential associations with distraction and reappraisal. *Poster presentation, Society for Research in Psychopathology, New Orleans, LA, October 18, 2015.*

Lewis, E., Joormann, J. Don't worry, I'm just ruminating! Effects of worry and rumination on attention to emotional stimuli. *Oral presentation, First Year Symposium, Yale University, April 28, 2015.*

Lewis, E., Geraci, M., Blair, K.S. A lack of optimism mediated by a neural network including medial prefrontal cortex dysfunction is specific to Generalized Anxiety Disorder, and not seen in Social Phobia. *Poster presentation, Society for Research in Psychopathology, Evanston, IL, September 18, 2014.*

Lewis, E., Geraci, M., Pine, D.S., Blair, R.J.R., Blair, K.S. Learning from other people's fear: Amygdala-based social reference learning in social phobia. *Poster presentation, Society of Biological Psychiatry, New York, NY, May 9, 2014.*

Lewis, E., Geraci, M., Blair, K.S. A lack of optimism mediated by a neural network including medial prefrontal cortex dysfunction is specific to Generalized Anxiety Disorder, and not seen in Social Phobia. *Poster presentation, Society of Biological Psychiatry, New York, NY, May 8, 2014.*

Lewis, E., Geraci, M., Pine, D.S., Blair, R.J.R., Blair, K.S. Impaired stimulus-reinforcement based decision making as indexed by the passive avoidance learning task in patients with Generalized Anxiety Disorder. *Poster presentation, Society for Affective Science, Washington DC, April 24, 2014.*

Lewis, E., Geraci, M., Pine, D.S., Blair, R.J.R., Blair, K.S. Impaired stimulus-reinforcement based decision making as indexed by the passive avoidance learning task in patients with Generalized Anxiety Disorder. *Poster presentation, NIMH 16th Annual Division of Intramural Research Program Scientific Training Day, Emmitsburg, MD, February 21, 2014.*

Lewis, E., Geraci, M., Pine, D.S., Blair, R.J.R., Blair, K.S. Impaired stimulus-reinforcement based decision making as indexed by the passive avoidance learning task in patients with Generalized Anxiety Disorder. *Poster presentation, NIH Intramural Research Festival, Bethesda, MD, November 6, 2013.*

Lewis, E., Geraci, M., Pine, D.S., Blair, R.J.R., Blair, K.S. Impaired stimulus-reinforcement based decision making as indexed by the passive avoidance learning task in patients with Generalized Anxiety Disorder. *Poster presentation, Association for Psychological Science, Washington DC, May 26, 2013.*

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Lewis, E., Geraci, M., Pine, D.S., Blair, R.J.R., Blair, K.S. Impaired stimulus-reinforcement based decision making as indexed by the passive avoidance learning task in patients with Generalized Anxiety Disorder. *Poster presentation, NIH Postbaccalaureate Poster Day, Bethesda, MD, May 1, 2013.*

Pizarro, D., **Lewis, E.** Emotionally Embodied Creativity: A Possible Link Between Posture, Emotion, and Creative Problem-Solving. *Senior Honors Thesis Poster Day, May 15, 2012.*

Pizarro, D., **Lewis, E.** Emotionally Embodied Creativity: A Possible Link Between Posture, Emotion, and Creative Problem-Solving. *Oral Thesis Defense to Dr. David Pizarro, Dr. Thomas Gilovich, and Dr. Dennis Reagan, May 1, 2012.*

PROFESSIONAL ACTIVITIES AND TRAINING

- **Member, Association for Behavioral and Cognitive Therapies** 4/2015-present
- **Associate Member, Society for Research in Psychopathology** 4/2015-present
- **Reviewer, Emotion** 6/2018
- **Reviewer, Psychoneuroendocrinology** 2/2018
- **Co-reviewer, Clinical Psychological Science** 4/2016
- **Co-reviewer, Psychological Science** 7/2016
- **Reviewer, Cognition and Emotion** 4/2015-8/2015
- **Clinical Current Works Committee Member** 6/2015-4/2016
- **Interview Weekend Committee Member** 11/2015-1/2016
- **Certification, AFNI (Analysis of Functional NeuroImaging) Bootcamp, NIH** 10/2012, 2/2016
 - Intensive week-long seminar detailing the uses and functions of AFNI, led by creator Bob Cox
- **Member, Association for Psychological Science** 2013-2016
- **BIO435: Current Trends in the Neurobiology of Mental Illness, NIH** 8/2013-12/2013
 - Graduate-level course surveying the latest research and methodologies being employed in the study of mental illness
- **Certification, Clinical Research Training, NIH** 11/2013
 - Course for Principal and Associate Investigators on ethics of clinical research

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- **FMRI Summer Course, NIH** *7/2012-8/2012, 6/2013-8/2013*
 - Introduction to fMRI and current research using fMRI and related methodologies at the NIH
- **Reviewer, Association for Psychological Science** *2/2013-3/2013*
 - Reviewed three grant proposals for the 2013 APS Student Caucus and RISE Research Award Competitions
- **Weschler Abbreviated Scale of Intelligence (WASI) Training, NIH** *9/2012*
 - Course on proper administration of the WASI in clinical settings
- **Clinical Telephone Interviewing, NIH** *8/2012*
 - Course on conducting telephone interviews with clinical populations, and procedures for properly handling crisis calls
- **Magnetic Resonance Imaging (MRI) Safety Training, NIH** *8/2012*
- **MATLAB, Princeton University** *5/2010-8/2010*
 - Summer course for research assistants on the basics of programming in MATLAB