

ADRIENNE L. ROMER

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ACADEMIC APPOINTMENTS

Postdoctoral Fellow	McLean Hospital/Harvard Medical School, Belmont MA Laboratory for Affective Translational Neuroscience Center for Depression, Anxiety and Stress Research	Sept 2019-Present
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EDUCATION

Ph.D.	Duke University, Durham, NC Clinical Psychology Program, Dept. of Psychology & Neuroscience	2013-2019
	Clinical Internship, VA Boston Healthcare System Rotations: Inpatient Psychology, Neuropsychology	2018-2019
M.A.	Duke University, Durham, NC Clinical Psychology Program, Dept. of Psychology & Neuroscience	2013-2016
B.S.	Cornell University, College of Human Ecology, Ithaca, NY Human Development Major, Graduated with Distinction	2007-2011

GRANT FUNDING

Adam Corneel Young Investigator Award (\$20,000) Title: <i>"The Role of Cortico-Cerebellar Circuitry During Cognitive Control in Healthy Young Adults."</i>	July 2021-2023
National Institute of Mental Health F32 grant Ruth L. Kirschstein National Research Service Award (NRSA; \$207,065) Title: <i>"Replicability, Mechanisms, and Trajectory of Neural Alterations Related to General Psychopathology."</i>	June 2020-2023
National Science Foundation Graduate Research Fellowship Program (\$138,000) Title: <i>"Relationship between Neural Network Connectivity and Impulsivity May Predict Differences in Adaptive vs. Maladaptive Risk-Taking in Young Adults."</i>	June 2015-2018

HONORS AND AWARDS

Finalist for Harvard Medical School Neal Alan Mysell Award for Best Poster by a Fellow	Apr 2021
Society of Biological Psychiatry (SOBP) Early Career Investigator Travel Award	Dec 2020
Association for Psychological Science (APS) Student Researcher Award	May 2017
Society for a Science of Clinical Psychology (SSCP) Student Poster Award	May 2017
Conference Travel Award (\$525), Duke University	Aug 2016 & 2017
Claire Hamilton Travel Award (\$250), Duke University	Aug 2014 & 2015
Intramural Research Training Award Fellow (IRTA), Section on Development and Affective Neuroscience, National Institute of Mental Health	June 2011-2013
Janet and Joseph Zuckerman Award for Best Honors Thesis in Human Development, Cornell University	May 2011

Outstanding Senior in Human Development Award, Cornell University	May 2011
Kappa Omicron Nu Human Ecology Honors Program, Cornell University	Spring 2010
Accepted into Human Development Honors Thesis Program, Cornell University	Fall 2009
College of Human Ecology Deans List, Cornell University	Fall 2007, 2009, 2010; Spring 2009, 2011

PUBLICATIONS *co-first authors; +mentee; **co-senior authors.

Google Scholar profile: <https://scholar.google.com/citations?user=9kKc2-MAAAAJ&hl=en&oi=ao>

Giusto, A.,* **Romer, A. L.**,* Lovero, K., Fortunado dos Santos, P., Greene, C., Gouveia, L., Suleman, A., Feliciano, P., Oquendo, M., Mootz, J., & Wainberg, M. L. Examination of the factor structure of psychopathology in a Mozambican sample. *Clinical Psychological Science*, (in press).

Yang, Y., Shields, G. S., Zhang, Y., Wu, H., Chen, H., & **Romer, A. L.** Child executive function and future externalizing and internalizing problems: A meta-analysis of prospective longitudinal studies. *Clinical Psychology Review*, 97, (published online). <https://doi.org/10.1016/j.cpr.2022.102194>.

Romer, A. L.,* Bertocci, M. A.,* Phillips, M. L.,** & Pizzagalli, D. A.** Neuroimaging and circuit mechanisms of depression. In D. S. Charney, E. J. Nestler, P. Sklar, & J. D., Buxbaum (Eds.), *Charney & Nestler's Neurobiology of Mental Illness*. Oxford University Press, (in press).

Romer, A. L., & Pizzagalli, D. A. (2022). Associations between brain structural alterations, executive dysfunction, and general psychopathology in a healthy and cross-diagnostic adult patient sample. *Biological Psychiatry: Global Open Science*, 2, 17-27. <https://doi.org/10.1016/j.bpsgos.2021.06.002>

Romer, A. L., & Pizzagalli, D. A. (2021). Is executive dysfunction a risk marker or consequence of psychopathology? A test of executive function as a prospective predictor and outcome of general psychopathology in the Adolescent Brain Cognitive Development Study®. *Developmental Cognitive Neuroscience*, 51, (published online). <https://doi.org/10.1016/j.dcn.2021.100994>

Romer, A. L., Hariri, A. R., & Strauman, T. J. (2021). Regulatory focus and the p factor: Evidence for self-regulatory dysfunction as a transdiagnostic feature of general psychopathology. *Journal of Psychiatric Research*, 137, 178-185. <https://doi.org/10.1016/j.jpsychires.2021.02.051>

Romer, A. L., Elliott, M. L.,+ Knodt, A. R., Sison, M. L., Ireland, D., Houts, R., Ramrakha, S., Poulton, R., Keenan, R., Melzer, T. R., Moffitt, T. E., Caspi, A., & Hariri, A. R. (2021). Pervasively thinner neocortex as a transdiagnostic feature of general psychopathology. *American Journal of Psychiatry*, 178, 174-182. <https://doi-org/10.1176/appi.ajp.2020.19090934>

Romer, A. L., Knodt, A. R., Sison, M., Ireland, D., Ramrakha, S., Poulton, R., Keenan, R., Melzer, T. R., Moffitt, T. E., Caspi, A., & Hariri, A. R. (2021). Replicability of structural brain alterations associated with general psychopathology: Evidence from a population-representative birth cohort. *Molecular Psychiatry*, 26, 3839-3846. <https://doi.org/10.1038/s41380-019-0621-z>

Esterman, M., Stumps, A., Jagger-Rickels, A., Rothlein, D., DeGutis, J., Fortenbaugh, F., **Romer, A. L.**, Milberg, W., Marx, B. P., & McGlinchey, R. (2020). Evaluating the evidence for a neuroimaging subtype of posttraumatic stress disorder. *Science Translational Medicine*, 12(568). <https://doi-org/10.1126/scitranslmed.aaz9343>

Avinun, R., **Romer, A. L.**, & Israel, S. (2020). Vitamin D polygenic score is associated with neuroticism and the general psychopathology factor. *Progress in Neuropsychopharmacology & Biological Psychiatry*, 100.

<https://doi.org/10.1016/j.pnpbp.2020.109912>

Harris, A., **Romer, A. L.**, Hanna, E., Keeling, L., Labar, K., Sinnott-Armstrong, W., Strauman, T., Wagner, H. R., Marcus, M. D., & Zucker, N. (2019). The central role of disgust in disorders of food avoidance. *International Journal of Eating Disorders*, *52*, 543-553. <https://doi.org/10.1002/eat.23047>

Romer, A. L.,* Kang, M. S.,*+ Nikolova, Y. S., Gearhardt, A., & Hariri, A. R. (2019). Dopamine genetic risk is related to food addiction and body mass through reduced reward-related ventral striatum activity. *Appetite*, *133*, 24-31. <https://doi.org/10.1016/j.appet.2018.09.010>

Farber, M. J.,⁺ **Romer, A. L.**, Kim, J., M., Knodt, A. R., Elsayed, N., Williamson, D.E., & Hariri, A. R. (2019). Paradoxical associations between familial affective responsiveness, stress, and amygdala reactivity. *Emotion*, *19*, 645-654. <https://doi.org/10.1037/emo0000467>

Romer, A. L., Knodt, A. R., Houts, R., Brigidi, B. D., Moffitt, T. E., Caspi, A. C., & Hariri, A. R. (2018). Structural alterations within cerebellar circuitry are associated with general liability for common mental disorders. *Molecular Psychiatry*, *23*(4), 1084-1090. <https://doi-org/10.1038/mp.2017.57>

Chen, Q., Ursini, G., **Romer, A. L.**, Knodt, A. R., Straub, R. E., Mezeivtch, K., Xiao, E., Pergola, G., Blasi, G., Callicott, J. H., Berman, K. F., Hariri, A. R., Bertolino, A., Mattay, V. S., & Weinberger, D. R. (2018). Schizophrenia polygenic risk score predicts mnemonic hippocampal activity in healthy volunteers. *Brain*, *141*, 1218-1228. <https://doi-org/10.1093/brain/awy004>

Elliott, M.L.,⁺ **Romer, A. L.**, Knodt, A. R., & Hariri, A. R. (2018). A connectome wide functional signature of transdiagnostic risk for mental illness. *Biological Psychiatry*, *84*, 452-459. <https://doi.org/10.1016/j.biopsych.2018.03.012>

Romer, A. L., Reyna, V. F., & Pardo, S. T. (2016). Are rash impulsive and reward sensitive traits distinguishable?: A test in young adults. *Personality and Individual Differences*, *99*, 308-312. <https://doi.org/10.1016/j.paid.2016.05.027>

Salazar, E., Nikolova, Y., Lian, W., Rai, P., **Romer, A. L.**, Hariri, A. R., & Carin, L. (2016). A Bayesian framework for multi-modality analysis of mental health. *Journal of the American Statistical Association (JASA)*.

Jarcho, J. M., **Romer, A. L.**, Shechner, T., Galvan, A., Guyer, A. E., Leibenluft, E., Pine, D. S., & Nelson, E. E. (2015). Predicting the worst and forgetting the best: Unique neural circuits promote adolescent social anxiety. *Developmental Cognitive Neuroscience* *13*, 21-31. <https://doi.org/10.1016/j.dcn.2015.03.002>

Jarcho, J. M., Tanofsky-Kraff, M., Nelson, E. E., Engel, S. G., Vannucci, M. S., Field, S. A., **Romer, A. L.**, Hanallah, L., Brady, S. M., Demidowich, A. P., Shomaker, L. B., Courville, A., Pine, D. S., & Yanovski, J. A. (2015). Neural activation during social stress and laboratory meal intake in overweight girls with and without loss of control eating. *NeuroImage*, *108*, 343-353. <https://doi.org/10.1016/j.neuroimage.2014.12.054>

MANUSCRIPTS UNDER REVIEW

Unpublished work: <https://drive.google.com/drive/folders/1zopCCk2ObgyD5D5qFOHfL2jwk91wjfSu?usp=sharing>

Romer, A. L., Ren, B., & Pizzagalli, D. A. Brain structure relations with psychopathology trajectories in the Adolescent Brain Cognitive Development Study®. (Invited resubmission, *Journal of the American Academy of Child and Adolescent Psychiatry*).

MANUSCRIPTS IN PREPARATION

Romer, A. L., Hubbard, N., Yendiki, A., Gabrieli, J.D.E., Whitfield-Gabrieli, S., & Pizzagalli, D. A. Brain structure relations with internalizing psychopathology trajectories in adolescents with depression and anxiety.

Plessow, F.,* Kumar, P.,* **Romer, A. L.**, Scott, J. S.,⁺ Dong, D.,⁺ Lauze, M., Slattery, M., Micali, N., Pizzagalli, D. A., Misra, M., & Eddy, K. T. Relations between eating disorder symptoms and neural activation during reward-related decision-making in young women with dietary restriction and/or excessive exercise.

Romer, A. L., Moriarity, D., Abramson, L., & Alloy, L. Executive function as a prospective predictor of change in adolescent psychopathology.

Romer, A. L., Knodt, A. R., Nikolova, Y., & Hariri, A. R. Associations between a genetic profile of cerebellar intrinsic functional connectivity and transdiagnostic psychopathology dimensions.

CONFERENCE PRESENTATIONS AND INVITED TALKS

PUBLISHED CONFERENCE PRESENTATIONS

Romer, A. L., & Pizzagalli, D. A. (2022). Brain structural alterations as predictors of the trajectory of transdiagnostic psychopathology dimensions in the Adolescent Brain Cognitive Development Study®. *Biological Psychiatry*, *91*, S257.

Romer, A. L., & Pizzagalli, D. A. (2021). The role of executive dysfunction in relations between brain structure and general psychopathology in adult healthy controls and cross-diagnostic patients. *Biological Psychiatry*, *89*, S279.

Zucker, N., Rivera-Cancel, A., Datta, N., Erwin, S., Nicholas, J., Caldwell, K. A., Ives, L., **Romer, A. L.**, Marsan, S., Farber, M., & Maslow, G. (2020). Feeling and body investigators: A randomized controlled trial of treatment for young children with functional abdominal pain. *Annals of Behavioral Medicine*, *54*, S515.

Farber, M. J., **Romer, A. L.**, Knodt, A., & Hariri, A. (2018). Associations between parental control, threat-related amygdala activity, and future depressive symptoms. *Psychophysiology*, *55*, S27.

Patel, A., Heslin, M., Sambath, I., Serif, O., **Romer, A. L.**, Altan, K., Lopez, B., Liu, M., Joseph, C., Murray, R., Ismail, K., Smith, S., Atakan, Z., Greenwood, K., Stahl, D., David, T., Bonaccorso, S., Kolliakou, A., Sood, P., Lally, J., & Gaughran, F. (2015). Cost-effectiveness of IMPACT: A health promotion intervention for people with established psychotic illnesses. *Journal of Mental Health Policy and Economics*, *18*, S32.

Jarcho, J. M., **Romer, A. L.**, Guyer, A. E., Shechner, T., Pine, D. S., Nelson, E. E. (2013). The role of development in the neural response to social threat in patients with anxiety disorders. *Biological Psychiatry*, *73*, 76S.

Heslin, M., Sambath, I., Serif, O., **Romer, A. L.**, Altan, K., Lopez, B., Liu, M., Joseph, C., Murray, R., Ismail, K., Smith, S., Atakan, Z., Greenwood, K., Stahl, D., David, T., Bonaccorso, S., Kolliakou, A., Sood, P., Gaughran, F., & Patel, A. (2013). Metabolic association with hospital admission costs over one year in a first episode psychosis sample. *Journal of Mental Health Policy and Economics*, *16*, S13.

Romer, A. L., Jarcho, J. M., Shechner, T., Pine, D. S., & Nelson, E. E. (2012). Socially-driven cognitive biases in expectations and recall of peer rejection in anxiety. *Biological Psychiatry*, *71*, 67S.

ORAL PRESENTATIONS

Romer, A. L., Ren, B., & Pizzagalli, D. A. *Longitudinal associations of brain structure and general and specific psychopathology trajectories during preadolescence.* Innovative Ideas oral presentation at the Society for Research in Psychopathology (SRP) conference, (Sept, 2022), Philadelphia, PA.

Romer, A. L. *Identifying risk factors for the development of comorbid youth depression and anxiety.* Invited talk for the funders of the Brudnick Family Endowed Fund for Adolescent Depression Research. (July, 2022), Belmont, MA.

Romer, A. L. *Neural and psychological mechanisms underlying transdiagnostic psychopathology dimensions.* Invited talk at Vanderbilt University Psychological Sciences department. (Feb, 2022), Nashville, TN.

Romer, A. L., & Pizzagalli, D. A. *Executive dysfunction as a transdiagnostic risk marker of general psychopathology: Examination of relations between brain structure, executive function, and the p factor.* In Symposium, "Transdiagnostic approaches to the identification of shared neural and cognitive risk markers of psychopathology." Chair and speaker of symposium presented at virtual SRP conference. (Sept, 2021).

Plessow, F.*, Kumar, P.*, **Romer, A. L.**, Dong, D., Lauze, M., Slattery, M., Micali, N., Pizzagalli, D. A., Misra, M., & Eddy, K. T. *Higher body dissatisfaction is associated with lower cognitive flexibility and higher neural activation of the dorsolateral prefrontal cortex in young women with eating disorders associated with dietary restriction and/or excessive exercise.* Paper presented at virtual Eating Disorders Research Society (EDRS) conference. (Sept, 2021).

Romer, A. L., & Pizzagalli, D. A. *Executive function as a prospective predictor and outcome of general psychopathology in the Adolescent Brain Cognitive Development Study.* Flash talk presented at virtual Association for Psychological Science (APS) conference. (May, 2021).

Romer, A. L. *An overview of the general psychopathology ('p') factor.* Invited talk for the virtual T32 Global Mental Health/Implementation Science seminar at Columbia University. (Jan, 2021).

Romer, A. L. *Structural neural alterations related to a general psychopathology (p) factor: Examination of mechanisms underlying comorbidity.* Invited talk for the Center for Depression, Anxiety and Stress Research Speaker Series at McLean Hospital/Harvard Medical School. (Mar, 2020), Belmont, MA.

Romer, A. L. *Structural neural alterations related to a general liability for mental illness.* Invited talk for the Laboratory for Affective Translational Neuroscience at McLean Hospital. (Nov, 2018), Belmont, MA.

Romer, A. L., Knodt, A. R., Brigidi, B. D., & Hariri, A. R. *Structural alterations within cerebellar circuitry are associated with general liability for common mental disorders.* APS conference. (May, 2017), Boston, MA. **Winner of APS Student Researcher Award and SSCP Student Poster Award.**

Romer, A. L. *"Little p": A replication and extension of a general factor of psychopathology.* Invited talk for Clinical Psychology Department Meeting at Duke University. (Oct, 2014), Durham, NC.

Jarcho, J. M., **Romer, A. L.**, Pine, D. S., & Nelson, E. E. *Hyperactivation in amygdala and VLPFC in healthy and anxious adolescents contemplating peer evaluation.* Symposium at the Society for Research on Child Development (SRCD) conference. (April, 2013), Seattle, WA.

POSTER PRESENTATIONS

Turley M., Abou Haider, L., Scott, J.,⁺ **Romer, A.**, Kumar, P., Dong, D., Plessow, F., Lauze, M., Petteyway, F., Slattery, M., Smith, S., Breithaupt, L., Thomas, J.J., Pizzagalli, D.A., Misra, M., Eddy, K.T. *Functional connectivity of the dorsolateral prefrontal cortex during a reward-related fMRI paradigm and eating disorder psychopathology in oligo-amenorrheic women.* EDRS conference, (Sept, 2022), Philadelphia, PA.

Scott, J. S.,⁺ **Romer, A. L.**, Kumar, P., Plessow, F., Lauze, M., Turley, M., Petteyway, F., de Castro Carvalho Pedreira, C., Abou Haidar, L., Breithaupt, L., Thomas, J. T., Pizzagalli, D. A., Misra, M.**, & Eddy, K. T.** *Neural correlates of delay discounting and associations with anhedonia in women with restrictive eating pathology*. SRP conference, (Sept, 2022), Philadelphia, PA.

Romer, A. L., & Pizzagalli, D. A. *Brain structural alterations as predictors of the trajectory of transdiagnostic psychopathology dimensions in the Adolescent Brain Cognitive Development Study®*. Society of Biological Psychiatry (SOBP) conference. (April, 2022), New Orleans, LA.

Romer, A. L., & Pizzagalli, D. A. *Childhood brain microstructure as a prospective predictor of psychopathology trajectories in the Adolescent Brain Cognitive Development Study®*. Harvard Medical School (HMS) virtual Psychiatry Research Day. (March, 2022).

Romer, A. L., & Pizzagalli, D. A. *The role of executive dysfunction in relations between brain structure and general psychopathology in adult healthy controls and cross-diagnostic patients*. SOBP virtual conference. (April, 2021).

Romer, A. L., & Pizzagalli, D. A. *Direct and indirect relations of brain structure, executive functioning, and general psychopathology in an adult healthy and cross-diagnostic patient sample*. HMS virtual Psychiatry Research Day. (April, 2021). **Finalist for HMS Neal Alan Mysell Award for best poster by a postdoctoral fellow.**

Romer, A. L., Hariri, A. R., & Strauman, T. J. *Regulatory focus and the p factor: Evidence for self-regulation as a transdiagnostic feature of psychopathology*. Association for Behavioral and Cognitive Therapies (ABCT) virtual conference, (Nov, 2020).

Zucker, N., Rivera-Cancel, A., Datta, N., Erwin, S., Nicholas, J., Caldwell, K. A., Ives, L., **Romer, A. L.**, Marsan, S., Farber, M., & Maslow, G. *Feeling and body investigators: A randomized controlled trial of treatment for young children with functional abdominal pain*. Society of Behavioral Medicine virtual conference, (May, 2020).

Romer, A. L., Stumps, A., Rothlein, D., DeGutis, J., McGlinchey, R., Marx, B. P., & Esterman, M. *Cognitive function as a moderator of associations between PTSD symptoms and neural network functional connectivity in OEF/OIF/OND veterans*. Boston Veterans Affairs Psychology Research Conference, (May, 2019), Boston, MA.

Romer, A. L., Knodt, A. R., Brigidi, B. D., & Hariri, A. R. *The 'p factor' is associated with a broad range of dysfunctional behaviors and structural brain alterations*. ABCT conference, (Nov, 2018), Washington, DC.

Farber, M. J., **Romer, A. L.**, Knodt, A. R., & Hariri, A. R. *Associations between parental control, threat-related amygdala activity, and future depressive symptoms*. Society for Psychophysiological Research (SPR) conference, (Oct, 2018), Quebec City, Quebec, Canada.

Romer, A. L., Harris, A., Hanna, E., Keeling, L., Sinnott-Armstrong, W., Marcus, M., LaBar, K., Wagner, R., & Zucker, N. *That's gross!: The central role of disgust versus anxiety in disorders of food avoidance*. International Center for Eating Disorders (ICED) conference, (April, 2018), Chicago, IL.

Romer, A. L., Knodt, A. R., Brigidi, B. D., & Hariri, A. R. *General liability for psychopathology is associated with structural abnormalities within cerebellar circuitry*. SRP conference, (Sept, 2017), Denver, CO.

Romer, A. L., Knodt, A. R., Brigidi, B. D., & Hariri, A. R. *Structural alterations within cerebellar circuitry are associated with general liability for common mental disorders*. APS conference, (May, 2017), Boston, MA.

Farber, M. J., **Romer, A. L.**, Elliott, M. L., Radtke, S. R., Knodt, A. R., & Hariri, A. R. *Maternal but not paternal*

parenting style moderates threat-related amygdala function associated with sensitivity to stressful life events. APS conference, (May, 2017), Boston, MA.

Romer, A. L., Carey, C. E., Bogdan, R., & Hariri, A. R. *Polygenic risk for schizophrenia predicts general liability for psychopathology.* SRP conference, (October, 2016), Baltimore, MD.

Romer, A. L., Houts, R., Caspi, A., Moffitt, T., & Hariri, A. R. *Little p: A replication and extension of a general factor of psychopathology.* SRP conference, (October, 2015), New Orleans, LA.

Romer, A. L., Reyna, V. R., Pardo, S., & Hariri, A. *Personality factors distinguish between drug use and dependence in older adolescents and young adults.* ABCT conference, (November, 2014), Philadelphia, PA.

Romer, A. L., Reyna, V. R., & Pardo, S. *Behavioral activation and sensation-seeking in the prediction of adaptive versus maladaptive risk taking in older adolescents.* SRP conference, (September, 2014), Evanston, IL.

Romer, A. L., Jarcho, J. M., Shechner, T., Pine, D. S., & Nelson, E. E. *Socially-driven cognitive biases in anxiety: A developmental perspective.* ABCT conference, (November, 2012), National Harbor, MD.

Romer, A. L., Jarcho, J. M., Shechner, T., Pine, D. S., & Nelson, E. E. *Socially-driven cognitive biases in expectations and recall of peer rejection in anxiety.* SOBP conference, (May, 2012), Philadelphia, PA.

Romer, A. L., Jarcho, J. M., Shechner, T., Pine, D. S., & Nelson, E. E. *Socially-driven cognitive biases in anxiety.* Anxiety and Depression Association of America (ADAA) conference, (April, 2012), Arlington, VA.

Spiro, C. N., Norcross, M. A., Szuhany, K. L., **Romer, A. L.,** Mash, J. A., Shechner, T., Grillon, C., Pine, D. S., & Britton, J. C. *Context effects in extinction recall: A study of anxious and healthy adults.* ADAA conference, (April, 2012), Arlington, VA.

Mash, J. A., Shechner, T., Britton, J. C., Spiro, C. N., **Romer, A. L.,** Fox, N. A., & Pine, D. S. *Fear conditioning in behaviorally inhibited adolescents.* ADAA conference, (April, 2012), Arlington, VA.

Romer, A. L., Reyna, V. F., & Pardo, S. T. *Fuzzy-Trace theory explains effects of impulsivity on adolescent risk-taking behaviors: A gist for risk.* Society for Research on Adolescence conference, (March, 2012), Vancouver, Canada.

Romer, A. L., Reyna, V. R., & Pardo, S. T. *Gist for risk: Link between impulsivity and Fuzzy-Trace Theory explanations of adolescent risk behavior.* ABCT conference, (November, 2011), Toronto, Canada.

Morrison, A. S., Gordon, D., **Romer, A. L.,** & Heimberg, R. H. *Psychometric properties of the Generalized Anxiety Disorder Questionnaire for DSM-IV.* 6th World Congress of Behavioural and Cognitive Therapies conference (WCBCT), (June, 2010), Boston, MA.

Reyna, V. F., Mills, B. A., Pardo, S. T., Shreck, E., **Romer, A. L.,** Smith, M. L., Lyons, C. M., Polla, D., & Cook, N. *Explaining contradictory relations between risk perception and risk taking: A fuzzy-trace theory approach.* SRA Conference, (March, 2010), Philadelphia, PA.

MEDIA COVERAGE

The hidden links between mental disorders, *Nature News*, May 2020

https://www.nature.com/articles/d41586-020-00922-8?utm_source=tw_t_nnc&utm_medium=social&utm_campaign=naturenews

Breakdown of Brain’s Visual Networks Linked to Mental Illness, *Duke Today*, May 2018

<https://today.duke.edu/2018/05/breakdown-brain%E2%80%99s-visual-networks-linked-mental-illness>

Wiring of the “Little Brain” Linked to Multiple Forms of Mental Illness, *Duke Today*, April 2017

<https://today.duke.edu/2017/04/wiring-%E2%80%99little-brain%E2%80%99-linked-multiple-forms-mental-illness>

A Wide Range of Mental Disorders May Have Link to Cerebellum, *Psychology Today*, April 2017

<https://www.psychologytoday.com/us/blog/the-athletes-way/201704/wide-range-mental-disorders-may-have-link-cerebellum>

RESEARCH EXPERIENCE

Postdoctoral Fellow	Laboratory for Affective Translational Neuroscience, Center for Depression, Anxiety and Stress Research McLean Hospital/Harvard Medical School, Belmont, MA <i>Mentor:</i> Diego Pizzagalli, Ph.D. <i>Research Focus:</i> Study of neurobiological mechanisms underlying risk for psychiatric comorbidity.	Sept 2019-Present
Psychology Intern	Translational Research Center for TBI and Stress Disorders VA Boston Healthcare System, Jamaica Plain, MA <i>Mentors:</i> Mike Esterman, Ph.D. & Brian Marx, Ph.D. <i>Research Focus:</i> Cognitive and neural circuit dysfunction in trauma-exposed veterans.	Aug 2018-2019
Doctoral Student	Lab of NeuroGenetics (LoNG) Duke University, Durham, NC <i>Mentors:</i> Ahmad Hariri, Ph.D. & Timothy Strauman, Ph.D. <i>Research Focus:</i> Neurobiological correlates of transdiagnostic psychopathology dimensions.	Aug 2013-Sept 2019
Doctoral Student	Duke Center for Eating Disorders Duke University, Durham, NC <i>Mentor:</i> Nancy Zucker, Ph.D. <i>Research Focus:</i> Role of disgust versus anxiety in picky eating.	June 2017-May 2018
Post-baccalaureate Research Assistant	Intramural Research Training Award Fellow (IRTA) Section on Development and Affective Neuroscience (SDAN) National Institute of Mental Health (NIMH), Bethesda, MD <i>Mentors:</i> Daniel Pine, M.D. & Johanna Jarcho, Ph.D. <i>Research Focus:</i> Neural correlates of social and cognitive processes in pediatric and adult anxiety.	June 2011-2013
Undergraduate Student	Laboratory for Rational Decision Making Cornell University, Ithaca, NY <i>Mentor:</i> Valerie Reyna, Ph.D. <i>Research Focus:</i> Impulsivity as a mediator of gist-based cognitive processing and adolescent risk-taking behavior.	Aug 2008-May 2011
Paid Research Assistant	Schizophrenia Research Center and Brain Behavior Lab University of Pennsylvania, Philadelphia, PA <i>Mentor:</i> Raquel Gur, M.D., Ph.D. <i>NIMH Funded Project:</i> “Philadelphia Neurodevelopmental Cohort.”	June-Aug 2010
Research Intern	Schizophrenia and Psychosis Lab	Jan-May 2010

Institute of Psychiatry, London, UK
Mentor: Robin Murray, M.D., DSc, FRCP, FRCPsych, FMedSci
MRC Funded Projects: “Improving Physical Health and Reducing Substance Use in Severe Mental Illness (IMPACT).”

Volunteer Research Assistant **Adult Anxiety Lab and Clinic** **June-Aug 2008 & 2009**
 Temple University, Philadelphia, PA
Mentor: Richard Heimberg, Ph.D.
NIMH Funded Projects: “CBT Augmentation of Paroxetine for Social Anxiety” and “Emotion Regulation Therapy for Generalized Anxiety.”

Paid Research Assistant **Neurocognition Lab** **June-Aug 2007 & 2008**
 Temple University, Philadelphia, PA
Mentors: Jason Chein, Ph.D. & Laurence Steinberg, Ph.D.
NIDA Funded Project: “Peer Effects on Neural and Behavioral Markers of Risk-Taking in Adolescence.”

Paid Research Assistant **Mood and Cognition Lab** **June-Aug 2007**
 Temple University, Philadelphia, PA
Mentor: Lauren Alloy, Ph.D.
NIMH Funded Project: “BAS and Bipolar Disorder: Biopsychosocial Integration.”

SPECIALIZED RESEARCH TRAINING

fMRI Visiting Fellowship Course **Oct 2021**
 Martinos Center, Massachusetts General Hospital (MGH), Boston, MA
Instructor: Robert Savoy, Ph.D.
Description: 5-day virtual workshop on designing, running, and analyzing fMRI studies.

Grant Writing Seminar **March 2021**
 McLean Hospital, Belmont, MA
Instructor: John Robertson, Ph.D.
Description: 2-day virtual workshop on grantsmanship.

Longitudinal Structural Equation Modeling (SEM) Course **Dec 2020**
 Statistical Horizons
Instructor: Paul Allison, Ph.D.
Description: month-long virtual course on longitudinal structural equation modeling.

Connectivity Course: Structural and Functional Brain Connectivity **Oct 2020**
 Martinos Center, Massachusetts General Hospital (MGH), Boston, MA
Instructors: Robert Savoy, Ph.D., Alfonso Nieto-Castanon, Ph.D., Anastasia Yendiki, Ph.D.
Description: 5-day virtual workshop on the processing and analysis of structural and functional MRI connectivity.

NeuroHackademy **July 2020**
 U. of Washington eScience Institute
Instructors: Ariel Rokem, Ph.D. & Noah Benson, Ph.D.
Description: 5-day virtual workshop on shareable and reproducible technologies used to analyze human neuroscience data.

Multilevel Modeling Course, Curran-Bauer Analytics **June 2020**
 University of North Carolina (UNC), Chapel Hill, NC
Instructors: Patrick Curran, Ph.D. & Dan Bauer, Ph.D.

Description: 5-day virtual workshop on application and interpretation of multilevel models for the analysis of nested data structures.

SEM Course, Curran-Bauer Analytics **May 2017**

University of North Carolina (UNC), Chapel Hill, NC

Instructors: Patrick Curran, Ph.D. & Dan Bauer, Ph.D.

Description: 5-day workshop on application and interpretation of statistical models designed for analysis of multivariate data with latent variables using Mplus.

Genetics Analysis Workshop **Aug 2015**

Washington University in St. Louis, MO

Instructors: Ryan Bogdan, Ph.D., Arpana Agrawal, Ph.D., Tim Wang, Ph.D., & Joe Doherty, Ph.D.

Description: 3-day workshop on processing and analyzing genetic data using Plink.

Graph Theory Analysis Training **July 2014**

Computational Cognitive Neuroscience Lab, Indiana University, Bloomington, IN

Instructors: Olaf Sporns, Ph.D. & Richard Betzel, Ph.D.

Description: 2-week training on application and interpretation of graph theory analyses using resting-state fMRI data.

AFNI Bootcamp **Oct 2012**

National Institutes of Health (NIH), Bethesda, MD

Instructors: Robert Cox, Ph.D. & Rick Reynolds, Ph.D.

Description: 5-day workshop on conducting neuroimaging analysis using Analysis of Functional NeuroImages (AFNI) program.

PROFESSIONAL DEVELOPMENT AND SERVICE

Ad Hoc Journal Reviewer: Addictive Behaviors, AIMS Public Health, Biological Psychiatry, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Biological Psychiatry: Global Open Science, Biological Psychology, Cortex, International Journal of Methods in Psychiatric Research, Journal of Psychiatric Research, Nature Human Behaviour, NeuroImage, Neuropsychopharmacology, Nutrients, PLOS One, Psychiatry Research: Neuroimaging, Psychological Medicine, Social Cognitive and Affective Neuroscience, Stress, Translational Psychiatry.

Professional Affiliations: Association for Behavioral and Cognitive Therapies (ABCT), Association for Psychological Science (APS), Society for Research in Psychopathology (SRP), Society for a Science of Clinical Psychology (SSCP).

Member of Planning Committee for the McLean Mental Health Research Summer Program (MMHRSP) **2022-Present**

Serve on Planning Committee for a summer research program aimed at improving access to research-focused education and training for BIPOC college students.

Member of Diversity, Equity, Inclusion (DEI) Committee, McLean Hospital **2020-Present**

Serve as DEI Committee member within the Center for Depression, Anxiety and Stress Research at McLean Hospital.

Judge for the SSCP Student Poster Awards **May 2022**

Served as a judge of student posters for SSCP Student Poster Awards for APS Convention.

Editor for the Applicant Statement Feedback Program (ASFP) **Oct 2021**

Edited and provided feedback on personal statements from prospective Clinical Psychology PhD applicants most of whom identified as underrepresented minorities.

Outreach presentation to TechBoston Academy, Dorchester, MA **May 2021**

Developed material and co-led talk on mental health, psychology, and neuroscience to underrepresented minority students from local high school.

Panelist on Graduate TA Training Seminar, Duke U.

Aug 2015

Served as panelist for training seminar on how to TA in graduate school for first- and second-year psychology graduate students.

Editor of the Clinical Psychology Handbook, Duke U.

July 2015

Served as an editor alongside the Director of Clinical Training to update the Clinical Psychology area handbook.

PCSAS Accreditation Visit, Duke U.

March 2014

Clinical Psychology graduate student representative for PCSAS site visit meeting.

TEACHING EXPERIENCE

Teaching Interests: Adult Psychopathology, Child/Developmental Psychopathology, Neurobiological Basis of Mental Illness, Affective Neuroscience, Personality and Individual Differences, Research Methods, Personality/Clinical/Cognitive Assessment, Ethics, Psychotherapy, Grant-Writing/Professional Development.

Teaching Assistant **Looking Inside the Disordered Brain Course (PSY/NEUROSCI 277)** **Fall 2014 & 2016**
Duke University, Durham, NC
Instructor: Ahmad Hariri, Ph.D. (~65 students enrolled)
Details: Held office hours, led exam review sessions, helped develop, proctor, and grade exams.

Teaching Assistant **Biological Basis of Behavior (PSY106/NEUROSCI101)** **Spring 2015**
Duke University, Durham, NC
Instructor: Christina Williams, Ph.D. (~120 students enrolled)
Details: Led two discussion sections per week (~20 students each), developed class material (slides, quizzes, discussion questions), held office hours, helped develop, proctor, and grade exams, graded and provided feedback on writing assignments.

MENTORSHIP EXPERIENCE

Graduate Mentees

Daifeng Dong, M.S., Psychology doctoral student, Central South U., P.R. China **2020-2021**
Project: "Restrictive Eating & Athletes Cognition Trial (REACT)."
Current Role: PhD student in Center for Depression, Anxiety & Stress Research (CDASR).

Madeline Farber, M.A., Clinical Psychology doctoral student, Duke U. **2016-2018**
Project: "Paradoxical associations between familial affective responsiveness, stress, and amygdala reactivity."
Current Role: Clinical psychology intern at Central Regional Hospital, Butner, NC.

Maxwell Elliott, Ph.D., Clinical Psychology, Duke U. **2016-2018**
Project: "Connectome wide functional signature of transdiagnostic risk for mental illness."
Current Role: Postdoctoral fellow at Harvard University, Cambridge, MA.

Research Assistant and Student Volunteer Mentees

Tatiana Papageorgiou Eliascou, B.S. candidate in Cognitive and Brain Sciences and Biology, Tufts University **June 2022-present**
Project: "Role of cortico-cerebellar circuitry during cognitive control in healthy adults."
Current Role: Student volunteer in the CDASR.

<p>Katharine Niven, Counseling Psychology Master’s student, Boston College, B.A. in Sociology and Organizational Studies, Pitzer College <i>Project:</i> “Role of cortico-cerebellar circuitry during cognitive control in healthy adults.” <i>Current Role:</i> Student volunteer in the CDASR.</p>	<p>May 2021-2022</p>
<p>Jason Scott, B.A. in Neuroscience, Vanderbilt U. <i>Project:</i> “Restrictive Eating & Athletes Cognition Trial (REACT).” <i>Current Role:</i> Research Assistant in the CDASR.</p>	<p>2021-present</p>
<p>Madeline Bailey, M.S. in Neuroscience, Tulane U., B.S. in Psychology, UNC <i>Project:</i> “Restrictive Eating & Athletes Cognition Trial (REACT).” <i>Role:</i> Research Assistant in the CDASR.</p>	<p>2020</p>
<p>Amelia Moser, B.S. in Clinical Psychology, Tufts U. <i>Project:</i> “Restrictive Eating & Athletes Cognition Trial (REACT).” <i>Current Role:</i> Clinical Psychology PhD student at U. Colorado Boulder. Former Research Assistant in the CDASR.</p>	<p>2019-2020</p>
<p><u>Undergraduate Mentees</u></p>	
<p>Rachel Corr, B.S. in Neuroscience, Duke U. <i>Honors Thesis:</i> “The neural and behavioral impacts of a cross-disorder genetic risk profile for psychopathology.” <i>Independent Study Project:</i> “Exploring single nucleotide polymorphisms’ associations with suicide and environmental interactions and neural mechanisms of TPH-2 variation.” <i>Funding:</i> Summer Neuroscience Program (granted 2016 & 2017). <i>Current Role:</i> PhD student in Cognitive Neuroscience at UNC.</p>	<p>2016-2018</p>
<p>Melissa Letzler, M.Ed. in School Counseling, UNC, B.S. in Psychology and Computer Science, Duke U. <i>Independent Study Project:</i> “Elevated levels of neurotoxic metabolites involved in the breakdown of tryptophan are associated with gray matter volume deficits.” <i>Current Role:</i> School counselor in Atlanta, Georgia.</p>	<p>2016-2017</p>
<p>Min Su Kang, Ed.M. in Mind, Brain, Education, B.S. in Psychology, Duke U. <i>Honors Thesis:</i> “Ventral striatum mediates the association between multilocus genetic profile and food addiction.” <i>Funding:</i> Summer Vertical Integration Program (granted 2014). <i>Current Role:</i> PhD student in Clinical Psychology at U. Penn.</p>	<p>2014-2015</p>

CLINICAL EXPERIENCE

<p>Psychology Intern</p>	<p>VA Boston Healthcare System, Boston, MA <u>Inpatient Psychology</u> (8-month primary rotation): <i>Supervisors:</i> John Pepple, Ph.D. & Heather Walton, Ph.D. <i>Clinical Duties:</i> Consultation, intervention, and personality and risk assessment for acute and sub-acute inpatient units; weekly individual supervision; weekly morning report & patient rounds. <i>Clinical Population:</i> Veterans with serious mental illness.</p> <p><u>Psychosocial Rehabilitation and Recovery Center</u> (8-month primary rotation): <i>Supervisor:</i> David Topor, Ph.D. <i>Clinical Duties:</i> Outpatient intervention; weekly individual supervision. <i>Clinical Population:</i> Veterans with serious mental illness.</p>	<p>Aug 2018-2019</p>
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Neuropsychology (4-month secondary rotation):

Supervisors: Laura Grande, Ph.D., ABPP, Colleen Jackson, Ph.D., ABPP, Elizabeth Leritz, Ph.D., ABPP, & Scott Fish, Ph.D., ABPP

Clinical Duties: Conduct, score, interpret, provide feedback, and write-up integrated reports of neuropsychological tests, clinical interview, and chart review; weekly individual & group supervision; weekly didactics.

Clinics: Outpatient, geriatric, and inpatient mental health.

General Mental Health (2-month secondary rotation):

Supervisors: Hannah King, Ph.D. & Shimrit Black, Ph.D.

Clinical Duties: Outpatient intervention, psychodiagnostic assessment; weekly individual & group supervision; weekly didactics.

Clinical Population: Veterans with anxiety, depressive, PTSD, substance use, and psychotic disorders.

Primary Care Behavioral Health (2-month secondary rotation):

Supervisor: Shelby Zuckerman, Psy.D.

Clinical Duties: Brief psychosocial assessment, consultation and liaison with primary care providers, triage and/or brief treatment; weekly individual supervision.

Clinical Population: Veterans with broad range of clinical conditions.

Behavioral Medicine (adjunctive training experience):

Supervisors: Amy Silberbogen, Ph.D. & Jennifer Shah, Psy.D.

Clinical Duties: Outpatient CBT for insomnia (CBT-I); weekly individual & group supervision.

Clinical Population: Veterans with sleep difficulties.

Practicum Student	Duke Center for Autism and Brain Development, Duke U. Medical Center (DUMC) <i>Supervisors:</i> Jill Lorenzi, Ph.D. & Nicole Heilbron, Ph.D. <i>Clinical Duties:</i> Outpatient assessment (psychodiagnostic, neuropsychological) & individual CBT psychotherapy; weekly individual supervision; weekly case conferences/didactic. <i>Clinical Population:</i> Children/adolescents with Autism Spectrum Disorders and/or developmental delays.	July 2017-June 2018
Practicum Student	Adolescent Substance Use Intensive Outpatient Program, DUMC <i>Supervisors:</i> Angela Tunno, Ph.D. & Gary Sauls, Ph.D. <i>Clinical Duties:</i> Weekly DBT skills group; group supervision. <i>Clinical Population:</i> Adolescents with substance use disorders.	Feb 2017-June 2018
Study Therapist	Duke Center for Eating Disorders, DUMC <i>Supervisor:</i> Nancy Zucker, Ph.D. <i>NIH Funded Project:</i> “Feelings and Body Investigators: Interoceptive Exposure for Children with Abdominal Pain.” <i>Clinical Duties:</i> Family intervention using newly developed acceptance-based manual; weekly group supervision. <i>Study Population:</i> Children aged 5-9 with functional abdominal pain and their families.	Jan 2017-June 2018
Practicum Student	Duke Psychology Clinic, Duke U. <i>Supervisor:</i> Ronald Batson, M.D.	Aug 2014-June 2018

Clinical Duties: Individual therapy; semi-structured intake & personality assessments; weekly group & individual supervision.
Clinical Population: Adult outpatient clinic.

Practicum Student	Psychosocial Treatment Clinic, Child and Family Studies Center, DUMC <i>Supervisor:</i> David Goldston, Ph.D. <i>Clinical Duties:</i> CBT-oriented outpatient individual and family therapy; weekly individual supervision; weekly case conferences/didactics. <i>Clinical Population:</i> Children/adolescents with mood, anxiety, and behavioral disorders.	July 2016-2017
Practicum Student	Duke Center for Eating Disorders, Child and Family Studies Center, DUMC <i>Supervisor:</i> Nancy Zucker, Ph.D. <i>Clinical Duties:</i> Outpatient psychotherapy; neuropsychological assessment & report writing; weekly individual & group supervision; weekly case conferences/didactics. <i>Clinical Population:</i> Youth & adults with eating disorders.	July 2015-2016
Study Clinician	Lab of NeuroGenetics, Duke U. <i>Supervisor:</i> Bartholomew Brigidi, Ph.D. <i>Clinical Duties:</i> Psychodiagnostic & neuropsychological assessments; monthly group supervision. <i>Study Population:</i> Young adult university students.	Nov 2013-Dec 2016
Doctoral Student	Cognitive Assessment Course, Duke U. <i>Supervisor:</i> Terrie Moffitt, Ph.D. <i>Clinical Duties:</i> Neuropsychological testing as part of graduate course assignment with one adult and one child.	Jan 2016-Dec 2016
Research Assistant (IRTA)	Section on Development and Affective Neuroscience, NIMH <i>Supervisors:</i> Jennifer Cameron, N.P., Ph.D., Erin Berman, Ph.D., & Daniel Pine, M.D. <i>Clinical Duties:</i> Intelligence testing (WASI); observed CBT & diagnostic interviews (KSADS & SCID); administered attention retraining computer task. <i>Clinical Population:</i> Youth & adults with anxiety disorders.	June 2011-2013

SPECIALIZED CLINICAL TRAINING AND WORKSHOPS

Supervision Series, VA Boston Healthcare System <i>Instructors:</i> Rebecca Ametrano, Ph.D. & Shelby Zuckerman, Psy.D. <i>Description:</i> 5-session discussion and practice of supervision skills.	Aug 2018-2019
Motivational Interviewing, VA Boston Healthcare System <i>Instructors:</i> Morgan McGillicuddy, Ph.D., Rebecca Ametrano, Ph.D., & Sara Leone, Ph.D. <i>Description:</i> Half-day seminar on motivational interviewing techniques.	Aug 2018-2019
Acceptance and Commitment Therapy, VA Boston Healthcare System <i>Instructors:</i> Shimrit Black, Ph.D. & Hannah King, Ph.D. <i>Description:</i> 2-session seminar on principles of ACT and practice.	Dec 2018
Cognitive Processing Therapy, DUMC <i>Instructor:</i> Carolina Clancy, Ph.D., ABPP <i>Description:</i> Introduction to CPT principles and administration.	Feb 2018

Motivational Interviewing, DUMC <i>Instructor:</i> Paul Nagy, Ph.D. <i>Description:</i> 2-day seminar on motivational interviewing techniques and practice.	April 2017
Supervision Seminar, DUMC <i>Instructor:</i> Melanie Bonner, Ph.D. <i>Description:</i> 3-day seminar on theories and methods of supervision.	Feb 2017
Suicide Prevention and Intervention, DUMC <i>Instructor:</i> David Goldston, Ph.D. <i>Description:</i> 1-day seminar on safety planning for suicidal behaviors.	Oct 2016
Family Therapy, DUMC <i>Instructor:</i> Susan Hazlett, Ph.D. <i>Description:</i> 2-day seminar on attachment theory in couple and family therapy.	March 2016
Cognitive Behavioral Therapy for Insomnia, DUMC <i>Instructor:</i> Cindy Swinkles, Ph.D. <i>Description:</i> Introduction to CBT for treating sleep disorders in children and adults.	Oct 2015
Acceptance and Commitment Therapy, Wake Forest School of Medicine <i>Instructor:</i> Rhonda Merwin, Ph.D. <i>Description:</i> Introductory 1-day seminar on ACT principles and practice.	March 2015
Multi-Systemic Therapy, DUMC <i>Instructor:</i> Lisa Reiter-Lavery, Ph.D. <i>Description:</i> Introduction to multi-systemic therapy principles and practice.	Sept 2014
Empathy Assistance Referral Services, Cornell U. <i>Description:</i> Trained two semesters in an empathy-based counseling model.	2008-2009

REFERENCES

Diego Pizzagalli, Ph.D.

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