

ADRIENNE L. ROMER

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ACADEMIC APPOINTMENTS

Assistant Professor	Department of Psychology, Virginia Polytechnic Institute and State University, Blacksburg, VA Core Faculty, Clinical Science Area Faculty, Cognitive Neuroscience & Biopsychology Area	2023-present
Postdoctoral Fellow	McLean Hospital/Harvard Medical School, Belmont MA Laboratory for Affective Translational Neuroscience Center for Depression, Anxiety and Stress Research	2019-2023

EDUCATION

Ph.D.	Duke University, Durham, NC Clinical Psychology Program, Dept. of Psychology & Neuroscience Clinical Internship, VA Boston Healthcare System Rotations: Inpatient Psychology, Neuropsychology	2013-2019 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

Deans Discovery Fund, College of Science, Virginia Tech (\$15,000) Title: " <i>The Neural Mechanisms Underlying the Association between Social Cognition and General Psychopathology: A Pilot fMRI Study.</i> "	July 2024-present
Adam Corneel Young Investigator Award, McLean Hospital (\$20,000) Title: " <i>The Role of Cortico-Cerebellar Circuitry During Cognitive Control in Healthy Young Adults.</i> "	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> "	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> "	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.

Romer, A. L., Ren, B., & Pizzagalli, D. A. (2023). Brain structure relations with psychopathology trajectories in the Adolescent Brain Cognitive Development Study®. *Journal of the American Academy of Child and Adolescent Psychiatry*, 62, 895-907. <https://doi.org/10.1016/j.jaac.2023.02.002>

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. (2023). Examination of the factor structure of psychopathology in a Mozambican sample. *Clinical Psychological Science*, 11, 409-424. <https://doi.org/10.1177/21677026221122773>

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 AND IN PREPARATION

Carlisi, C. O., Fielder, J., Knodt, A. R., **Romer, A. L.**, Hariri, A.R., & Viding, E. Differential mapping of psychopathic traits and general psychopathology in a large young adult sample (under review).

Romer, A. L.*, Plessow, F.*, Kumar, P., Petterway, F., Lindman, L., Scott, J., Slattery, M., Breithaupt, L., Thomas, J. J., Pizzagalli, D. A., Misra, M.***, Eddy, K. T.** Lower body mass index is associated with higher neural activation of the posterior insula during a task requiring cognitive flexibility in young women with eating disorders characterized by dietary restriction and/or excessive exercise (in prep).

Romer, A. L., Hubbard, N., Yendiki, A., Gabrieli, J.D.E., Whitfield-Gabrieli, S., & Pizzagalli, D. A. Associations between cortical thickness, stress, and change in internalizing and externalizing symptoms in adolescents with depressive and anxiety disorders (in prep).

Romer, A. L., Kumar, P., & Pizzagalli, D. A. Cerebellar activation during tasks of cognitive control is associated with general psychopathology in a transdiagnostic adult patient sample. (in prep).

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

CONFERENCE PRESENTATIONS AND INVITED TALKS

PUBLISHED CONFERENCE PRESENTATIONS

Romer, A. L. & Pizzagalli, D. A. (2024). Cerebellar functional alterations during cognitive control are associated with general psychopathology in a healthy and cross-diagnostic adult patient sample. *Biological Psychiatry*, *95*, S89.

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. & Pizzagalli, D. A. *Cerebellar functional alterations during cognitive control are associated with general psychopathology in a healthy and cross-diagnostic adult patient sample.* Oral presentation at the Society of Biological Psychiatry (SOBP) conference, (May, 2024), Austin, TX.

Romer, A. L., Ren, B., & Pizzagalli, D. A. *Longitudinal prospective relations of executive function and brain structure with trajectories of general and specific forms of psychopathology during preadolescence.* Oral presentation at the NIDA-sponsored ABCD Insights & Innovations Meeting (AIIM) at the National Institutes of Health, (March, 2024), Bethesda, MD.

Romer, A. L. *Neural and psychological mechanisms underlying transdiagnostic psychopathology dimensions.* Invited talk at Cornell University Department of Psychology. (March, 2023), Ithaca, NY.

Romer, A. L. *Neural and psychological mechanisms underlying transdiagnostic psychopathology dimensions.* Invited talk at University of Rochester Department of Psychology. (Dec, 2022), Rochester, NY.

Romer, A. L. *Neural and psychological mechanisms underlying transdiagnostic psychopathology dimensions.* Invited talk at Virginia Tech Department of Psychology. (Nov, 2022), Blacksburg, VA.

Romer, A. L. *Neural and psychological mechanisms underlying transdiagnostic psychopathology dimensions.* Invited talk at Yale University Department of Psychology. (Nov, 2022), New Haven, CT.

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

Chin, K., Kotler, E., Haidar, A., Chunni, J., Lyall, A., Sasabayashi, D., Plessow, F., **Romer, A. L.**, Kumar, P., Petterway, F., Lindman, L., Scott, J., Slattery, M., Shamseddine, N., Kyaw, T., Judson, C., Alperovitz, D. J., Halperin, J., Javaras, K. N., Dechant, E., Thomas, J., Pizzagalli, D. A., Misra, M., Eddy, K. T., Breithaupt, L. Grey matter volume deficits may be sensitive to low-weight status in AN and AT-AN populations. Poster submitted for presentation at the EDRS conference, (Sept. 2024), Sitges, Spain.

Kotler, E., Haidar, A., Lyall, A., Zhao, Z., Plessow, F., **Romer, A. L.**, Kumar, P., Petterway, F., Lindman, L., Scott, J., Slattery, M., Shamseddine, N., Kyaw, T., Judson, C., Alperovitz, D. J., Halperin, J., Javaras, K. N., Dechant, E., Lawson, E. A., Thomas, J. J., Kubicki, M., Pizzagalli, D. A., Misra, M., Eddy, K. T., & Breithaupt, L. *Eating disorder diagnosis moderates pathological exercise and white matter volume relationship*. Accepted for presentation at the Organization for Human Brain Mapping (OHBM) conference, (June, 2024), Seoul, Korea.

Kotler, E., Haidar, A., Lyall, A., Zhao, Z., Plessow, F., **Romer, A. L.**, Kumar, P., Petterway, F., Lindman, L., Scott, J., Slattery, M., Shamseddine, N., Kyaw, T., Judson, C., Alperovitz, D. J., Halperin, J., Javaras, K. N., Dechant, E., Lawson, E. A., Thomas, J. J., Kubicki, M., Pizzagalli, D. A., Misra, M., Eddy, K. T., & Breithaupt, L. *Gray matter volume in females with current and lifetime anorexia nervosa and atypical anorexia nervosa*. Accepted for presentation at the Harvard Medical School (HMS) Psychiatry Research Day, (March, 2024), Boston, MA.

Romer, A. L.*, Plessow, F.*, Kumar, P., Petterway, F., Lindman, L., Scott, J., Slattery, M., Breithaupt, L., Thomas, J. J., Pizzagalli, D. A., Misra, M.**, & Eddy, K. T.** *Lower body mass index is associated with higher neural activation of the posterior insula during a task requiring cognitive flexibility in young women with eating disorders characterized by dietary restriction and/or excessive exercise*. EDRS conference, (Sept, 2023), Boston, MA.

Kotler, E.*, Breithaupt, L.*, Lyall, A., Haidar, A., Plessow, F., **Romer, A. L.**, Kumar, P., Petterway, F., Lindman, L., Scott, J., Slattery, M., Thomas, J. J., Pizzagalli, D., Misra, M**, & Eddy, K. T.** *Anorexia Nervosa/Atypical Anorexia Nervosa Diagnosis Moderates the Relationship between Maladaptive Exercise Hours and White Matter Volume*. EDRS conference, (Sept, 2023), Boston, MA.

Turley M., Abou Haider, L., Scott, J.,⁺ **Romer, A. L.**, Kumar, P., Dong, D., Plessow, F., Lauze, M., Petterway, 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., Petterway, 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®*. 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, (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%98little-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>PI:</i> Diego Pizzagalli, Ph.D. <i>Research Focus:</i> Study of neurobiological mechanisms underlying risk for psychiatric comorbidity.	2019-2023
Psychology Intern	Translational Research Center for TBI and Stress Disorders VA Boston Healthcare System, Jamaica Plain, MA <i>PI:</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>PI:</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>PI:</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>PI:</i> Daniel Pine, M.D. & Johanna Jarcho, Ph.D.	June 2011-2013

Research Focus: Neural correlates of social and cognitive processes in pediatric and adult anxiety.

Undergraduate Student	Laboratory for Rational Decision Making Cornell University, Ithaca, NY <i>PI:</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>PI:</i> Raquel Gur, M.D., Ph.D. <i>NIMH Funded Project:</i> “Philadelphia Neurodevelopmental Cohort.”	June-Aug 2010
Research Intern	Schizophrenia and Psychosis Lab Institute of Psychiatry, London, UK <i>PI:</i> Robin Murray, M.D., DSc, FRCP, FRCPsych, FMedSci <i>MRC Funded Projects:</i> “Improving Physical Health and Reducing Substance Use in Severe Mental Illness (IMPACT).”	Jan-May 2010
Volunteer Research Assistant	Adult Anxiety Lab and Clinic Temple University, Philadelphia, PA <i>PI:</i> Richard Heimberg, Ph.D. <i>NIMH Funded Projects:</i> “CBT Augmentation of Paroxetine for Social Anxiety” and “Emotion Regulation Therapy for Generalized Anxiety.”	June-Aug 2008 & 2009
Paid Research Assistant	Neurocognition Lab Temple University, Philadelphia, PA <i>PI:</i> Jason Chein, Ph.D. & Laurence Steinberg, Ph.D. <i>NIDA Funded Project:</i> “Peer Effects on Neural and Behavioral Markers of Risk-Taking in Adolescence.”	June-Aug 2007 & 2008
Paid Research Assistant	Mood and Cognition Lab Temple University, Philadelphia, PA <i>PI:</i> Lauren Alloy, Ph.D. <i>NIMH Funded Project:</i> “BAS and Bipolar Disorder: Biopsychosocial Integration.”	June-Aug 2007

SPECIALIZED RESEARCH TRAINING

fMRI Visiting Fellowship Course Martinos Center, Massachusetts General Hospital (MGH), Boston, MA <i>Instructor:</i> Robert Savoy, Ph.D.	Oct 2021
Grant Writing Seminar McLean Hospital, Belmont, MA <i>Instructor:</i> John Robertson, Ph.D.	March 2021
Longitudinal Structural Equation Modeling (SEM) Course Statistical Horizons <i>Instructor:</i> Paul Allison, Ph.D.	Dec 2020
Connectivity Course: Structural and Functional Brain Connectivity Martinos Center, Massachusetts General Hospital (MGH), Boston, MA <i>Instructors:</i> Robert Savoy, Ph.D., Alfonso Nieto-Castanon, Ph.D., Anastasia Yendiki, Ph.D.	Oct 2020
NeuroHackademy	July 2020

U. of Washington eScience Institute

Instructors: Ariel Rokem, Ph.D. & Noah Benson, Ph.D.

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.

SEM Course, Curran-Bauer Analytics

May 2017

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

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

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.

Graph Theory Analysis Training

July 2014

Computational Cognitive Neuroscience Lab, Indiana University, Bloomington, IN

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

AFNI Bootcamp

Oct 2012

National Institutes of Health (NIH), Bethesda, MD

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

PROFESSIONAL DEVELOPMENT AND SERVICE

Ad Hoc Journal Reviewer: Addictive Behaviors, AIMS Public Health, American Journal of Psychiatry, Biological Psychiatry, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Biological Psychiatry: Global Open Science, Biological Psychology, Cognitive, Affective, and Behavioral Neuroscience, Cortex, European Child and Adolescent Psychiatry, Human Brain Mapping, International Journal of Behavioral Development, International Journal of Methods in Psychiatric Research, Journal of Child Psychology and Psychiatry, Journal of Early Adolescence, Journal of Psychiatric Research, Nature Human Behaviour, Nature Mental Health, NeuroImage, Neuropsychopharmacology, Nutrients, PLOS One, Psychiatry Research: Neuroimaging, Psychological Medicine, Social Cognitive and Affective Neuroscience, Social Psychiatry and Psychiatric Epidemiology, Stress, Translational Psychiatry.

Professional Affiliations: American Psychiatric Association (APA), 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), Society of Biological Psychiatry (SOBP).

Guest Editor of Special Issue in Translational Issues in Psychological Science Journal 2024-present

Serve as guest editor of a special issue titled, “Transdiagnostic Risk Factors of Psychopathology” in APA’s TPS journal

Editorial Board Member of Biological Psychiatry: Cognitive Neuroscience and NeuroImaging (BP:CNNI) 2024-present

Serve as an editorial board member of the peer-reviewed journal BP:CNNI (IF=5.9).

Search Committee for Open-Rank Faculty Position/Director of Clinical Training, Dept. of Psychology, Virginia Tech Aug 2023-Jan 2024

Serve as member of search committee for an Open-Rank Faculty/DCT position.

Clinical Science Area Diversity, Equity, Inclusion, and Accessibility (DEIA) Subcommittee, Dept. of Psychology, Virginia Tech 2023-present

Serve as member of the Clinical Science PhD program’s DEIA subcommittee.

Editor and Feedback Reviewer for Applicant Statement Feedback Program (ASFP) 2021-present

Edit and provide feedback on personal statements from prospective Clinical Psychology PhD applicants most of whom identify as underrepresented minorities.

Panelist for the McLean Mental Health Research Summer Program (MMHRSP) **July 2024**

Served as a panelist for a workshop titled, “Components of a Competitive Clinical Psychology PhD Application Panel” for MMHRSP summer program participants.

Panelist for the Graduate School Interviewing Workshop, McLean Hospital **Jan 2023**

Served as a panelist for a workshop on interviewing for psychology PhD programs.

Member of Planning Committee for the MMHRSP **2022-2023**

Served 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 **2020-2023**

Served 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 & 2023**

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

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

Instructor	Abnormal Psychology (PSYC 3014) Virginia Tech, Blacksburg, VA <i>Instructor:</i> Adrienne Romer, Ph.D. (60 undergraduate students)	Spring & Fall 2024
Teaching Assistant	Looking Inside the Disordered Brain Course (PSY/NEUROSCI 277) Duke University, Durham, NC <i>Instructor:</i> Ahmad Hariri, Ph.D. (~65 undergraduate students)	Fall 2014 & 2016
Teaching Assistant	Biological Basis of Behavior (PSY 106/NEUROSCI 101) Duke University, Durham, NC <i>Instructor:</i> Christina Williams, Ph.D. (~120 undergraduate students)	Spring 2015

MENTORSHIP EXPERIENCE

Graduate Student Mentees

Jenna Jones, Clinical Science Doctoral student, Virginia Tech	Aug 2024-present
Garrett Hosterman, Clinical Science Doctoral student, Virginia Tech	Aug 2024-present
Daifeng Dong, Psychology Doctoral student, Central South U., P.R. China	2020-2021
Katharine Niven, Counseling Psychology Master’s student, Boston College	2021-2022

Madeline Farber, Clinical Psychology Doctoral student, Duke U.	2016-2018
Maxwell Elliott, Clinical Psychology Doctoral student, Duke U.	2016-2018
<u>PhD Committees</u>	
Sachintha Lokuge, Clinical Science PhD program, Virginia Tech <i>Role:</i> Thesis committee member	2024-present
Shivani Goyal, Clinical Science PhD Program, Virginia Tech <i>Role:</i> Preliminary Examination committee member	2024-present
Claudia Clinchard, Developmental Science PhD Program, Virginia Tech <i>Role:</i> Preliminary Examination committee member	2024-present
Irene Voldsbekk, Psychology program, University of Oslo <i>Role:</i> Dissertation/Adjudication committee member	May 2024
<u>Post-Bacc Research Assistant Mentees</u>	
Jolee Sloss, B.S. in Psychology and Human Development, Minor in Adaptive Brain and Behavior, Virginia Tech <i>Role:</i> Lab Manager	Jan 2024-present
Jason Scott, B.A. in Neuroscience, Vanderbilt U.	2021-2023
Madeline Bailey, M.S. in Neuroscience, Tulane U., B.S. in Psychology, UNC	2020
Amelia Moser, B.S. in Clinical Psychology, Tufts U.	2019-2020
<u>Undergraduate Research Assistant Mentees</u>	
Bailey Vaughn, B. S. candidate in Psychology, Virginia Tech	May 2024-present
Oluwatoni Ikhile, B.S. candidate in Psychology, Virginia Tech Presented poster at the Virginia Tech Dennis Dean Undergraduate Research Conference	Jan 2024-present
Cameron Carter, B.S. candidate in Psychology, Minor in Philosophy, Virginia Tech	Jan 2024-present
Melanie Brown, B.S. candidate in Cognitive and Behavioral Neuroscience and Psychology, Minor in Adaptive Brain and Behavior, Virginia Tech	Aug 2023-present
Erika Strobel, B.S. candidate in Psychology, Virginia Tech <i>Funding:</i> Fralin Summer Undergraduate Research Fellowship Recipient (Summer 2024) Presented poster at the Virginia Tech Dennis Dean Undergraduate Research Conference	Aug-2023-present
Tatiana Papageorgiou Eliascou, B.S. candidate in Cognitive and Brain Sciences and Biology, Tufts University	2022-2023
Rachel Corr, B.S. in Neuroscience, Duke U.	2016-2018
Melissa Letzler, M.Ed. in School Counseling, UNC, B.S. in Psychology and Computer Science, Duke U.	2016-2017
Min Su Kang, Ed.M. in Mind, Brain, Education, B.S. in Psychology, Duke U.	2014-2015

CLINICAL EXPERIENCE

Psychology Intern	VA Boston Healthcare System, Boston, MA <u>Inpatient Psychology</u> (8-month rotation): <i>Supervisors:</i> John Pepple, Ph.D. & Heather Walton, Ph.D.	Aug 2018-2019
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Psychosocial Rehabilitation and Recovery Center (8-month rotation):

Supervisor: David Topor, Ph.D.

Neuropsychology (4-month rotation):

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

General Mental Health (2-month rotation):

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

Primary Care Behavioral Health (2-month rotation):

Supervisor: Shelby Zuckerman, Psy.D.

Behavioral Medicine (adjunctive training experience):

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

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.	July 2017-June 2018
Practicum Student	Adolescent Substance Use Intensive Outpatient Program, DUMC <i>Supervisors:</i> Angela Tunno, Ph.D. & Gary Sauls, Ph.D.	Feb 2017-June 2018
Practicum Student	Duke Psychology Clinic, Duke U. <i>Supervisor:</i> Ronald Batson, M.D.	Aug 2014-June 2018
Practicum Student	Psychosocial Treatment Clinic, Child and Family Studies Center, DUMC <i>Supervisor:</i> David Goldston, Ph.D.	July 2016-2017
Practicum Student/Study Therapist	Duke Center for Eating Disorders, Child and Family Studies Center, DUMC <i>Supervisor:</i> Nancy Zucker, Ph.D.	July 2015-2018
Study Clinician	Lab of NeuroGenetics, Duke U. <i>Supervisor:</i> Bartholomew Brigidi, Ph.D.	Nov 2013-Dec 2016
Doctoral Student	Cognitive Assessment Course, Duke U. <i>Supervisor:</i> Terrie Moffitt, Ph.D.	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.	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.	Aug 2018-2019
Motivational Interviewing, VA Boston Healthcare System <i>Instructors:</i> Morgan McGillicuddy, Ph.D., Rebecca Ametrano, Ph.D., & Sara Leone, Ph.D.	Aug 2018-2019
Acceptance and Commitment Therapy, VA Boston Healthcare System <i>Instructors:</i> Shimrit Black, Ph.D. & Hannah King, Ph.D.	Dec 2018
Cognitive Processing Therapy, DUMC <i>Instructor:</i> Carolina Clancy, Ph.D., ABPP	Feb 2018
Motivational Interviewing, DUMC	April 2017

Instructor: Paul Nagy, Ph.D.

Supervision Seminar, DUMC

Feb 2017

Instructor: Melanie Bonner, Ph.D.

Suicide Prevention and Intervention, DUMC

Oct 2016

Instructor: David Goldston, Ph.D.

Family Therapy, DUMC

March 2016

Instructor: Susan Hazlett, Ph.D.

Cognitive Behavioral Therapy for Insomnia, DUMC

Oct 2015

Instructor: Cindy Swinkles, Ph.D.

Acceptance and Commitment Therapy, Wake Forest School of Medicine

March 2015

Instructor: Rhonda Merwin, Ph.D.

Multi-Systemic Therapy, DUMC

Sept 2014

Instructor: Lisa Reiter-Lavery, Ph.D.

Empathy Assistance Referral Services, Cornell U.

2008-2009

Description: Trained two semesters in an empathy-based counseling model.