

Nathalie Dumornay

51 E River Rd, Minneapolis, MN 55414 | dumor003@umn.edu

EDUCATION

- University of Minnesota – Twin Cities**, Minneapolis, MN 2021 – present
PhD Student, Developmental Psychopathology and Clinical Science
Institute of Child Development
- Tufts University**, Medford, MA 2014 – 2018
Bachelor of Science in Cognitive and Brain Science, cum laude
GPA: 3.59 (cum.), 3.69 (major)
- University College London**, London, UK 2016 – 2017
Psychology and Language Studies
Year Abroad

PUBLICATIONS

Under Review

- Finegold, K. E., **Dumornay, N. M.**, Lebois, L. A. M., Ressler, K. J., Harnett, N. G. (2021). Childhood adversity is associated with lower neurocognitive performance and white matter microstructure in the Adolescent Brain Cognitive Development (ABCD) Study. Manuscript under review.
- Dumornay, N. M.***, Finegold, K. E.*, Chablani, A., Elkins, L., Krouch, S., Baldwin, M., Ressler, K. J., Moreland-Capua, A. (2021). Trauma-informed CBT-based intervention associates with improvements in emotion regulation and reduced risk for recidivism in justice-involved youth. Manuscript under review. **These authors contributed equally.*
- Dumornay, N. M.**, Lebois, L. A. M., Ressler, K. J., Harnett, N. G. (2021). Disparities in adversity during childhood contribute to race-related differences in brain structure. Manuscript under review.
- Lebois, A. M., Harnett, N. G., van Rooij, S. J. H., Ely, T. D., Jovanovic, T., Bruce, S. E., House, S. L., Murty, V. P., **Dumornay, N. M.**, ..., Ressler, K. J. (2021). Persistent Dissociation and its Neural Correlates Uniquely Predict Worse Outcomes after Trauma Exposure. Manuscript under review.

Published or In Press

- Wilson, S., **Dumornay, N. M.**, (2022). Rising rates of adolescent depression in the United States: challenges and opportunities in the 2020s. *Journal of Adolescent Health*, 70(3), 354-355.
- Harnett, N. G., **Dumornay, N. M.**, Delity, M., Sanchez, L.D., Mohiuddin, K., Musey, P.I., Seamon, M. J., McLean, S. A., Kessler, R.C., Koenen, K. C., ..., Ressler, K. J. (2022). Prior differences in previous trauma exposure primarily drive the observed racial/ethnic differences in posttrauma depression and anxiety following a recent trauma. *Psychological Medicine*, 1-10.

Harnett, N.G., van Rooij, S. J. H., Ely, T. D., Lebois, L. A. M., Murty, V. P., Jovanovic, T., Hill, S. B., **Dumornay, N. M.**, Merker, J. B. ... & Stevens, J. S. (2021). Prognostic neuroimaging biomarkers of trauma-related psychopathology: resting state fMRI shortly after trauma predicts future PTSD and depression symptoms in the AURORA study. *Neuropsychopharmacology*, 46(7), 1263-1271.

POSTERS

Dumornay, N., Finegold, K., Ressler, K., Moreland-Capua, A. (2021) Cognitive Behavioral Therapy (CBT) is associated with improvements in emotion regulation and reduced risk for recidivism in justice-involved youth. Presented at the 12th annual Mclean Research Day, Belmont, MA.

Dumornay, N. M., Lebois, L. A. M., Ressler, K. J., Harnett, N. G. (2020) Disparities in adversity during childhood contribute to racial differences in brain structure. Presented at the 75th annual Society of Biological Psychiatry meeting, virtual meeting.

Grasser, L., Wanna, C., Minton S., Phillips, K., **Dumornay, N.**, Seligowski, A., McLean, S., Jovanovic, T. (2020) Fear-Potentiated Startle Prospectively Predicts Alcohol Use Patterns in Individuals Exposed to Trauma. Presented at the 75th annual Society of Biological Psychiatry meeting, virtual meeting.

Dumornay, N. M., Lebois, L. A. M., Ressler, K. J., Harnett, N. G. (2020) Racial differences in childhood adversity and brain structure. Presented at the 11th annual McLean Research Day, Belmont, MA.

Dumornay, N., Seligowski, A. V., Winters, S. J., McLean, S., Ressler, K. J., Jovanovic, T. (2019) Physiological response to fear conditioning in the acute aftermath of trauma and associations with future PTSD symptoms. Presented at the 35th annual International Society for Traumatic Stress Studies meeting, Boston, MA.

King, C. D., Seligowski, A. V., **Dumornay, N.**, Stenson, A., Ressler, K. J., Jovanovic, T. (2019) Autonomic Functioning and Associations with Post-trauma Pathology in Trauma-Exposed Children. Presented at the 35th annual International Society for Traumatic Stress Studies meeting, Boston, MA.

SYMPOSIA

Harnett, N. G., **Dumornay N. M.**, Lebois L. A. M., & Ressler, K. J., (2020, November). Racial disparities in environmental adversity contribute to race-related differences in the neuroanatomy of PTSD. In *The Neurobiology of Racial Discrimination and Racial Disparities in Health in Highly Trauma-exposed Populations*. Symposium presented at the 36th annual International Society for Traumatic Stress Studies meeting, virtual meeting.

Seligowski, A. V., Steuber, E., **Dumornay, N.**, Phillips, K., Minton, S., Reda, M., Wiltshire, C., Wanna, C., Winters, S. J., An, X., McLean, S., Stevens, J., Ressler, K. J., & Jovanovic, T. (2020, May). Physiological responses to fear conditioning as indicators of PTSD and related symptom trajectories

following trauma. In J. Stevens (chair), Variability in post-trauma psychopathology in the Aurora study: Mapping longitudinal trajectories to brain signatures. Symposium presented at the 75th annual Society for Biological Psychiatry meeting, virtual meeting.

AWARDS and HONORS

Ford Foundation Predoctoral Fellowship, Honorable Mention	2022
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RESEARCH EXPERIENCE

Clinical Research Assistant II , McLean Hospital (Belmont, MA) <i>Institute for Trauma Informed Systems Change</i> Director: Alisha Moreland-Capua, MD	October 2020 – July 2021
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Clinical Research Assistant II , McLean Hospital (Belmont, MA) <i>Neurobiology of Fear Lab</i> PI: Kerry J. Ressler, MD, PhD Supervisor: Nathaniel G. Harnett, PhD	October 2018 – July 2021
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Research Assistant , Tufts University (Medford, MA) <i>Emotion, Brain, and Behavior Lab</i> PI: Heather L. Urry, PhD	September 2017 – May 2018
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TEACHING EXPERIENCE

Teaching Assistant, University of Minnesota – Twin Cities

CSPY 4329: Biological Foundations of Development	Spring, 2022
CSPY 4311: Behavioral and Emotional Problems of Children	Fall, 2021

COMMUNITY ENGAGEMENT

Volunteer , Growing Brains	September 2021 – present
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Graduate student-led outreach initiative which aims to educate young people about the brain and teach them ways to take control of their own development. Volunteers lead 45–60-minute classroom lessons on the topic of neural plasticity in local schools.

Mentor , Next-Gen Psych Scholars	June 2021 – present
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Graduate student led mentorship program for underrepresented undergraduates and post-baccalaureates seeking to apply to psychology PhD programs.