

Claire Emilia Punturieri

EDUCATION

M.S./Ph.D. in Clinical Psychology, University of Wisconsin – Madison, USA In progress
B.A. in Psychology, McGill University, Montreal, QC, Canada 2019
Minors: Behavioural Science, French Language and Literature

PUBLICATIONS

Punturieri, C. E., Duncan Jr, W. C., Greenstein, D., Shandler, G., Zarate Jr, C. A., & Evans, J. W. (2023). *An exploration of actigraphy in the context of ketamine and treatment-resistant depression*. *International Journal of Methods in Psychiatric Research*, e1984.

Kotoula, V., Evans, J. W., **Punturieri, C. E.**, Johnson, S. C., & Zarate, C. A., Jr (2023). Functional MRI markers for treatment-resistant depression: Insights and challenges. *Progress in brain research*, 278, 117–148.

Kotoula, V., Evans, J. W., **Punturieri, C. E.**, & Zarate, C. A., Jr (2023). *Review: The use of functional magnetic resonance imaging (fMRI) in clinical trials and experimental research studies for depression*. *Frontiers in neuroimaging*, 2, 1110258.

Panier, L., Ethridge, P., Farrell-Reeves, A., **Punturieri, C. E.**, Kujawa, A., Dirks, M., Weinberg, A. (2021). *Associations between peer stress in early adolescence and multiple event-related potentials elicited during social feedback processing*. *Developmental Psychobiology*, 64(5), e22279.

CONFERENCE POSTER PRESENTATIONS & PROCEEDINGS

Punturieri, C. E., Wanta, S. E., Curtin, J. J.. Performance and Equity of Geolocation Data for Lapse Prediction in Alcohol Use Disorder. Society of Biological Psychiatry, Toronto, Ontario, Canada, April 2025.

Punturieri, C. E., Wanta, S. E., Curtin, J. J.. Performance and Equity of Geolocation Data for Lapse Prediction in Alcohol Use Disorder. Collaborative Perspectives on Addiction, Providence, Rhode Island, April 2025.

†**Punturieri, C.E.**, Evans, J.W., Zarate, C.. The impact of acute ketamine on facial emotion processing in treatment-resistant depression. Society of Biological Psychiatry, San Diego, California, April 2023.

†**Punturieri, C.E.**, Evans, J.W., Zarate, C.. Motion and task performance: analysis of fMRI data during an acute drug challenge. 24th Annual National Institute of Mental Health Training Day, Bethesda, Maryland, September 2022.

†**Punturieri, C.E.**, Evans, J.W., Zarate, C.. Recurrence quantification analysis for the differentiation of actigraphy patterns in major depressive disorder in response to ketamine. Society of Biological Psychiatry, New Orleans, Louisiana, April 2022.

†**Punturieri, C.E.**, Evans, J.W., Zarate, C.. Recurrence quantification analysis for the differentiation of actigraphy patterns in major depressive disorder in response to ketamine. 23rd Annual National Institute of Mental Health Training Day, Bethesda, Maryland, September 2021 (virtual).

Abramowitz, K., Evans, J.W., Zarate, C., **Punturieri, C. E... Analyzing the relationship between the monetary incentive delay task and the PHQ-8: are reaction times correlated with depression severity? Summer Internship Program Poster Day, August 2021 (virtual).

†**Punturieri, C. E.**, Evans, J.W., Burton, C., Zarate, C.. Open-source model viability in estimating biological brain age in major depressive disorder. Organization for Human Brain Mapping, June 2021 (virtual).

Panier, L., Ethridge, P., **Punturieri, C. E.**, Farrell-Reeves, A., Dirks, M.A., Weinberg, A.. Associations between peer victimization and distinct neural responses to acceptance and rejection in early adolescence. Flash talk at Society for Research on Child Development conference, April 2021 (virtual).

†**Punturieri, C. E.**, Evans, J.W., Burton, C., Borja, C., Zarate, C.. Optimizing a reward-based neuroimaging task for clinical drug trials. Postbaccalaureate Poster Day, April 2021 (virtual).

†**Punturieri, C. E.**, Duncan, W.C., Greenstein, D., Evans, J.W., Zarate, C.. Actigraphic characterization of antidepressant response to ketamine. Society for Neuroscience, January 2021 (virtual).

†**Punturieri, C. E.**, Duncan, W.C., Greenstein, D., Evans, J.W., Zarate, C.. Behavioral and activity changes in response to ketamine in depressed subjects. 22nd Annual National Institute of Mental Health Training Day, Bethesda, Maryland, September 2020 (virtual).

‡**Punturieri, C. E.**, Evans, J.W., Burton, C., Zarate, C.. Variations in estimated biological brain age in treatment-resistant depression. Postbaccalaureate Poster Day, Bethesda, Maryland, April 2020 (virtual).

*†**Punturieri, C. E.**, Evans, J.W., Burton, C., Zarate, C.. Variations in estimated biological brain age in treatment-resistant depression. Society of Biological Psychiatry, New York, New York., April 2020. *Conference canceled due to COVID-19.*

***Punturieri, C. E.**, Ethridge, P., Farrell-Reeves, A., Dirks, M. A., Weinberg, A.. Neural responses to peer acceptance moderate associations between peer-nominated peer victimization and depressive symptoms in early adolescence. Society for Psychophysiological Research, Washington, DC., September 2019.

Punturieri, C. E., Ethridge, P., Weinberg, A.. Parental psychopathology and associations with adolescent neural responses to rewards. McGill Undergraduate Research Conference, Montreal, QC, Canada, October 2018.

Punturieri, C. E., Keller, M., Mathiak, K.. The effects of cognitive reappraisal on heart rate variability in patients with depression. UROP International, RWTH Aachen University, Germany, July 2018.

**Published abstract, † Poster published online, ‡ Poster award, **Co-mentored student*

INVITED TALKS & PRESS

Punturieri, C. E... Careers in Clinical Psychology. Lecture given to PSE 125 Introduction to Health & Rehabilitation Professions at the University of Wisconsin – Madison, Madison, Wisconsin, May 2025.

Punturieri, C. E. & Laboe, A.. Intellectual self-doubt, growth mindset, and resilience. Lecture given to University of Wisconsin – Madison School of Pharmacy DPH1 Cohort, Madison, Wisconsin, February 2025.

Punturieri, C. E., Evans, J.W., Zarate, C.. Recurrence Quantification Analysis for the Differentiation of Actigraphy Patterns in Major Depressive Disorder in Response to Ketamine. 23rd Annual National Institute of Mental Health Training Day, Bethesda, Maryland, September 2021 (virtual).

Brain Waves NIMH Intramural Research Program Newsletter, *The New Normal: Online Crowd-Sourcing for Pilot Studies*, August 2021. *An internal press write-up featuring a research project for which I was one of the main driving forces (see talk directly below).*

Punturieri, C. E., Evans, J.W., Burton, C., Borja, C., Zarate, C.. Optimizing a reward-based neuroimaging task for clinical drug trials. Postbaccalaureate Seminar Series, National Institutes of Health, January 2021 (virtual).

Punturieri, C. E., Quantifying Brain Aging in Treatment-Resistant Depression. National Institute of Mental Health Three-Minute Talk Competition. National Institutes of Health, June 2020 (virtual).

HONORS & AWARDS

University Fellowship (UW-Madison)	2023-2024
NIH Postbaccalaureate Intramural Research Training Award (IRTA)	2019-2023
National Institute of Mental Health IRP Trainee Travel Award	2021
Three Minute Talk Competition (Finalist)	2020
Outstanding Poster Award (Top 20%), Postbaccalaureate Poster Day	2020
Psychology Undergraduate Research Award	2019
Dean's Honour List in Arts	2018-2019
John V. Galley Scholarship in Arts	2018-2019
Tomlinson Engagement Award for Mentoring (TEAM)	2018

RESEARCH EXPERIENCE

Graduate Research Assistant Addiction Research Center Department of Psychology, University of Wisconsin – Madison, USA Supervisor: John Curtin, Ph.D.	2023-present
Postbaccalaureate Intramural Training Research Award Fellow Experimental Therapeutics & Pathophysiology Branch National Institute of Mental Health, National Institutes of Health, Bethesda, MD, USA Supervisors: Carlos Zarate, M.D., Jennifer Evans, Ph.D.	2019-2023
Summer Research Assistant Department of Epidemiology Department of Epidemiology, Harvard T. H. Chan School of Public Health, Harvard University, Cambridge, MA, USA Supervisor: Maya Mathur, Ph.D.	2019
Lab Coordinator, RA Supervisor, Research Assistant Translational Research in Affect and Cognition (TRAC) Lab Psychology Department, McGill University, Montreal, QC, Canada Supervisor: Anna Weinberg, Ph.D.	2017-2019
International Research Intern Undergraduate Research Opportunities Program (UROP) Experimental Behavioral Psychobiology Institute Universitätsklinikum RWTH Aachen University, Aachen, Germany Supervisors: Klaus Mathiak, Ph.D., Micha Keller, Ph.D.	2018
Research Assistant Psychosocial Oncology Psychosocial Oncology Research Lab Jewish General Hospital, Montreal, QC, Canada Supervisors: Melissa Henry, Ph.D., Margarida Costa, Ph.D.	2017-2018

CLINICAL EXPERIENCE

Postbaccalaureate Intramural Training Research Award Fellow 7SE-N Inpatient Unit National Institute of Mental Health, National Institutes of Health, Bethesda, MD Description: Conducted 200+ phone interviews, adult assessments (WASI-II, CVLT, Spatial Span, Trail-Making Task), shadowed clinical activities (rounds, nursing report, informed consent process, ketamine infusions). Supervisors: Carlos Zarate, M.D., Elizabeth Ballard, Ph.D., Jennifer Evans, Ph.D.	2019-2023
Maximize Youth Potential (MYP) Program Volunteer Agence Ometz, <i>social, employment, and immigration services organization</i> Montreal, QC, Canada Description: Co-led a twice weekly (totaling 5-7 hours per week) academic and social support group with underserved adolescents (e.g., recent immigrants, low SES background, behavioral issues),	2018-2019

engaged in once weekly 3-hour supervision course led by a clinical psychologist, and designed and conducted a review of student progress measurement techniques.

Supervisors: Amy Shapiro, Ph.D., Carol Liverman M.Ed., Ian F. Bradley, Ph.D.

TEACHING

Design and Analysis of Psychological Experiments II, Teaching Assistant	Spring 2025
Design and Analysis of Psychological Experiments I, Teaching Assistant	Fall 2024
The Criminal Mind: Forensic and Psychobiological Perspectives, Reader/Grader	Spring 2024

LEADERSHIP & MENTORSHIP

Mentor, Next-Gen Psych Scholars Program (NPSP)	2024-present
Member, Antiracism and Learning in Neuroscience (ALAN)	2023-present
Mentor, PATHS biomedical mentorship program	2022-2023
Co-Mentor, Summer Internship Program (NIMH, ETPB)	2022
Founding member, Diversity and Inclusivity Working Group (NIMH, ETPB)	2020-2023
Mentor, Maximize Youth Potential (MYP) program at Ometz	2018-2019

PROFESSIONAL MEMBERSHIPS

Society for Digital Mental Health (SDMH)	Out in Science, Technology, Engineering, and Mathematics (oSTEM)
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