Claire Emilia Punturieri

EDUCATION

Ph.D. in Clinical Psychology, University of Wisconsin – Madison, USA — In progress

M.S. in Clinical Psychology, University of Wisconsin – Madison, USA — 2025

B.A. in Psychology, McGill University, Montreal, QC, Canada — 2019
Minors: Behavioural Science, French Language and Literature

PUBLICATIONS

Wyant, K., Sant'Ana, S.J., **Punturieri, C.E.,** Yu, J., Fronk, G.E., Maggard, C.M., … & Curtin, J.J. (under review). Maximizing engagement, trust, and clinical benefit of AI-generated recovery monitoring and support messages for alcohol use disorder: Protocol for an optimization study.

Wyant, K., Fronk, G.E., Yu, J., **Punturieri, C.E.,** & Curtin, J.J. (under review). Forecasting risk of alcohol lapse up to two weeks in advance using time-lagged machine learning models.

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).

SHARED CODE & DATA

Punturieri, C.E.. (2025). *Weather FetchR: Pulling NOAA Weather Data for GPS Observations*. GitHub repository. https://github.com/c-punturieri/weather-fetchr

Punturieri, C.E. & Janssen, C.. (2025). *Visualizing Geolocation Data* in *Data Wrangling and Visualization in the Tidyverse*. R programming tutorial. https://jjcurtin.github.io/book_dwvt/geolocation.html

Wyant, K., Fronk, G.E., Yu, J., **Punturieri, C.E.,** & Curtin, J.J. (under review). Forecasting risk of alcohol lapse up to two weeks in advance using time-lagged machine learning models. Shared data available on OSF: https://osf.io/tc8kj/

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 — 2023-present
Addiction Research Center
Department of Psychology, University of Wisconsin – Madison, USA
Supervisor: John Curtin, Ph.D.

Postbaccalaureate Intramural Training Research Award Fellow — 2019-2023
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.

Summer Research Assistant — 2019
Department of Epidemiology
Department of Epidemiology, Harvard T. H. Chan School of Public Health,
Harvard University, Cambridge, MA, USA
Supervisor: Maya Mathur, Ph.D.

Lab Coordinator, RA Supervisor, Research Assistant — 2017-2019
Translational Research in Affect and Cognition (TRAC) Lab
Psychology Department, McGill University, Montreal, QC, Canada
Supervisor: Anna Weinberg, Ph.D.

International Research Intern — 2018
Undergraduate Research Opportunities Program (UROP)
Experimental Behavioral Psychobiology Institute
Universitätsklinikum RWTH Aachen University, Aachen, Germany
Supervisors: Klaus Mathiak, Ph.D., Micha Keller, Ph.D.

Research Assistant Psychosocial Oncology 2017-2018
Psychosocial Oncology Research Lab
Jewish General Hospital, Montreal, QC, Canada
Supervisors: Melissa Henry, Ph.D., Margarida Costa, Ph.D.

CLINICAL EXPERIENCE

Graduate Student Clinician 2025-present
Psychology Research and Training Clinic
University of Wisconsin–Madison, Madison, WI
Description: Performed psychotherapy intakes, cognitive behavioral therapy, and cognitive assessments with adult community members and students.
Supervisor: Christopher Gioia, Ph.D.

Postbaccalaureate Intramural Training Research Award Fellow 2019-2023
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.

Maximize Youth Potential (MYP) Program Volunteer 2018-2019
Agence Ometz, *social, employment, and immigration services organization*
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), 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

Graduate Student Representative, Department of Psychology (UW-Madison) 2025-present
Member, Antiracism and Learning in Neuroscience (ALAN) 2023-present
Mentor, Next-Gen Psych Scholars Program (NPSP) 2024-2025
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

ADDITIONAL COURSEWORK

“Design for Digital Health” at Northwestern University 2025
“Health Science Communications and Policy” at the NIH 2022
“Scientists Teaching Science” at the NIH 2021

PROFESSIONAL MEMBERSHIPS

Society for Digital Mental Health (SDMH)

Out in Science, Technology, Engineering, and Mathematics (*oSTEM)*