

Emma Friedman

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RESEARCH EXPERIENCE:

- Northwestern University Feinberg School of Medicine, *Clinical Research Coordinator* January 2022-present
- University of Chicago Booth School Honesty, Morality, and Ethics Lab, *Research Assistant* October 2021-present
- The Family Institute at Northwestern University, *Research Assistant* March 2019-Jan. 2020
- Established basic understanding of ACT therapy practice to conduct research,
 - Conducted a variety of methods of research subject recruitment
 - Performed extensive scientific literature searches and generated literature reviews for current projects and to target future research
 - Researched theoretical and practical models for teaching ACT therapy to graduate students, mental health professionals, and adults working with at-risk populations
 - Executed data analysis: generated figures and metrics for current research being conducted at multiple universities and several state penitentiaries
 - Obtained knowledge of grant application process and reviewed multiple submissions
 - Contributed analysis to poster presentations presented at professional conferences (incl. APA)
 - Edited manuscript of practitioner workbook for upcoming publication
- Northwestern University Communication Sciences & Disorders Laboratory, *Research Assistant* May-Sept. 2009
- Implemented dynamic causal modeling of fMRI to evaluate functional neural connectivity in children with processing discrepancies
 - Developed a fundamental knowledge of voxel-based morphometry to evaluate fMRI data
 - Generated functional brain maps, created figures and research metrics, and added additional experiment information to paper subsequently published
 - Edited manuscript of paper subsequently published in academic journal
- Northwestern University Feinberg School of Medicine, *Biological Chemistry and Molecular Pharmacology Laboratory Assistant* June-Sept. 2007
- Established foundational laboratory techniques (made buffers, performed agarose gel electrophoresis, ran protein assays, prepared specimens, operated centrifuge)
 - Operated a microtome to obtain mice neural cell samples
 - Trained on university-mandated laboratory Animal Care and Institutional Use Committee module to understand proper animal research protocols
 - Reviewed relevant literature and attended lab meetings

PUBLICATIONS AND CONFERENCE PRESENTATIONS:

- Friedman, E (2021). *Opioid-Induced Constipation*. [Literature Review]
- Friedman, E (2020). *Analgesic Treatment Overview: non-traditional opioids, gabapentioids, peripherally acting μ -opioid receptor antagonists, new frontiers in pain relief, and patient-physician dialogue*. [Literature Review]
- Friedman, E. (November, 2012). *The Duty of Assistance is a Liberal Duty*. [Conference Paper Presentation]. Pacific Society for Women in Philosophy, Pomona, California.
- Friedman, E. (October, 2012). *The Duty of Assistance is a Liberal Duty*. [Conference Paper Presentation]. Seventh International Conference on Applied Ethics, Hokkaido University, Sapporo, Japan.
- Friedman, E. (2011, March). *The Supposed Kantian Basis for Individual Rights in Libertarian Theory*. [Conference Presentation]. The Annual Meeting of the Mississippi Philosophical Association, Mississippi State University Starkville, Mississippi, United States.
- Liu L, Vira A, Friedman E, Minas J, Bolger D, Bitan T, et al. (2010). Children with Reading Disability Show Brain Differences in Effective Connectivity for Visual, but Not Auditory Word Comprehension. *Public Library of Science Online*, 5(10): e13492. <https://doi.org/10.1371/journal.pone.0013492>

TEACHING AND ADDITIONAL WORK EXPERIENCE:

- University of Wisconsin, Milwaukee, *Grader and Writing Workshop Leader* 2011-2012
- Led writing workshop teaching fundamentals of essay construction for upper-level college students
 - Generated grade scale for mid-size, upper-level undergraduate courses
 - Graded exams and essays for mid-size, upper-level undergraduate courses
- University of Wisconsin, Milwaukee, *Teaching Assistant* 2010-2011
- Created lesson plans, reading, and homework assignments for large sections of undergraduate students
 - Coordinated with other teaching assistants to develop grade scale and teaching schedule for all sections
 - Facilitated class discussion, engaged students in dialogue with complex materials in large undergrad sections
 - Graded homework and exams of all students in large sections

- Northwestern University, *Research Assistant and Translator* June 2010
- Translated academic article from French to English for top journal referee for him to evaluate article
 - Reviewed article references to assess research
- Northwestern University, *Writing Contest Judge* June 2009
- Faculty-selected as one of two the student judges for two university-wide Freshman essay contests
 - Reviewed hundreds of essays, evaluated elements of writing in-depth, and chose winners with faculty
- Northwestern University, *Writing Place Tutor* 2008-2010
- Completed intensive, multi-quarter tutoring preparation seminar to acquire a high degree of proficiency in the mechanics and stylistic elements of numerous types of written work
 - Developed a wide array of written work at all stages of the writing process from brainstorming and grammar basics to proofreading and strengthening authorial voice with both undergraduate and graduate students
 - Provided particular support to ESL students to guide them through the writing process at the collegiate level from assignment expectations and planning an essay through final stages of revision

AWARDS AND HONORS:

- University of Pennsylvania Moore Bloomfield Fellow 2014-2015
- University of Wisconsin, Milwaukee Chancellor's Award 2010-2011
- Northwestern University Essay Contest Student Judge (faculty selected) June 2010
- Northwestern University Dean's List 2009-2010
- Northwestern University Writing Place Tutor (faculty nominated and selected) 2008-2010

EDUCATION:

- University of Chicago**, *post-graduate certificate program* 2021-present
- University of Pennsylvania**, *PhD (medical withdrawal)* 2014-2016
- University of Wisconsin, Milwaukee, MA** Graduated May 2012
- Northwestern University, BA** Graduated June 2010

SKILLS:

- Language: French—fluent (bilingual)
- Technical: Proficient in Microsoft Office Suite (including Excel), SAS, Qualtrics, quantitative data analysis, academic writing and editing, grant application, IRB trained, research subject outreach, medical/technical writing, mixed methods research, laboratory benchwork, professional translation, copyediting