

Marianne G. Chirica, LPC

mchirica@iu.edu · (847) 209-9558

EDUCATION

- 2026 **Indiana University** in Bloomington, IN
Doctor of Philosophy (Anticipated) in Psychological and Brain Sciences
Minor: Advanced Analytic and Epidemiological Methods for Psychopathology
- 2021 **Rosalind Franklin University of Medicine and Science** in North Chicago, IL
Master of Science in Psychology: Clinical Counseling, Research Track
GPA: 3.96
- 2019 **University of Illinois at Urbana-Champaign**
Bachelor of Science in Liberal Arts and Sciences, Psychology and Sociology
Certificate in Criminology, Law and Society

Honors Thesis: *Factor Analysis of Autism and Schizotypy Scales*

LICENSURE

Licensed Professional Counselor in Illinois License NO. 178.017989

FUNDING AWARDS

- 2022 **National Institute of Mental Health T32 Research Training Grant: "Training in Clinical Translational Science: Maximizing the Public Health Impact"**
(2 year of funding for graduate stipend and tuition)
- 2021 **Psychological & Brain Sciences Departmental Fellowship**, Indiana University
Bloomington
(5 years summer funding)

AWARDS AND DISTINCTIONS

- 2021 **College of Health Professions Dean's Award for Scholarship**, Rosalind Franklin
University of Medicine and Science
- 2021 **College of Health Professions Clinical Education Award**, Rosalind Franklin
University of Medicine and Science
- 2020 **Psychology Department Award for Excellence in Research by a Master of
Science Student**, Rosalind Franklin University of Medicine and Science
- 2020-2021 **GPF Research Fellowship**, GPF Foundation
- 2019 **Graduate Student Scholarship**, Holy Nativity Romanian Orthodox Church
- 2019 **Senior 100 Honorary Distinction**, University of Illinois Urbana- Champaign
- 2019 **Distinction in Psychology**, University of Illinois Urbana- Champaign
- 2017-2019 **Dean's List**, University of Illinois Urbana- Champaign
- 2017 **Psi Chi Honor Society**, University of Illinois Urbana- Champaign

PUBLICATIONS

1. **Chirica, M.G.** (2023, October 30). The Argument Against P-Values. *gradPSYCH Blog*. <https://www.gradpsychblog.org/the-argument-against-p-values/>.
2. Batteson, T.J., **Chirica, M.G.**, Fo, K.S., Froehlich, J., Garber, S.S., Lambdin-Pattavina, C., McCormack Tutt, S.A., Ochs, L., Rodriguez, K., Ross, N.J., & Thuente, L. (2023). Utilizing video simulation in interprofessional education to teach IPEC competencies and social determinants of health: A universal IPE teaching tool. *Journal of Interprofessional Education & Practice*, 100617. <https://doi.org/https://doi.org/10.1016/j.xjep.2023.100617>
3. **Chirica, M.G.** (2023, March 14). Mentorship as a Grad Student: How and Why. *gradPSYCH Blog*. <https://www.gradpsychblog.org/mentorship-as-a-grad-student-how-and-why/#.ZCMWs-zMKAI>
4. Paun, O., Loukissa, D., **Chirica, M. G.**, & Nowell, H. M. (2022). Loss and Grief in the Context of Dementia Caregiving. *Journal of Psychosocial Nursing and Mental Health Services*, 60(10), 7-10. <https://doi.org/doi:10.3928/02793695-20220909-01>
5. O'Reilly, L., Elam, K., Quinn, P., Adams, S., **Chirica, M.G.**, Klonsky, E., . . . D'Onofrio, B. (2022). Examining protective factors for substance use problems and self-harm behavior during adolescence: A longitudinal co-twin control study. *Development and Psychopathology*, 1-22. doi:10.1017/S0954579422000724
6. Zhu, Y., Mu, W., **Chirica, M.G.**, & Berenbaum, H. (2022). Testing a theory-driven factor structure of the autism-spectrum quotient. *Autism Research*, 1-9. <https://doi.org/10.1002/aur.2763>
7. **Chirica, M.G.** & Batteson, T.J. (2022). Metacognition, Macrocognition and Moral Reasoning in Collaborative Team Decision-Making: Implications for Healthcare Education. *Journal of Educational Studies and Multidisciplinary Approaches (JESMA)*, 2 (1), 72-86. <https://doi.org/10.51383/jesma.2022.26>
8. Bunting, S.R., **Chirica, M.G.**, Ritchie, T.D., Garber, S., & Batteson, T.J. (2020). Medical students' attitudes towards sexual and gender minority people: Results from a national investigation. *LGBT Health*. doi:10.1089/lgbt.2020.0288
9. Vincent, S., **Chirica, M.G.**, Thippana, J., Chen, M., Schneider, K. (2023). Chronic Health Conditions and their Association with Anxiety/Depressive Symptoms. Rosalind Franklin University of Medicine & Science. [Under review]
10. **Chirica, M.G.**, Carreon, S., Buscemi, J., Greenley, R., Tran, S., Miller, S.A. (2023) *Tripartite dimensions of anxiety and depression change after the emergence of COVID-19*. [Under review]. Rosalind Franklin University of Medicine & Science.
11. **Chirica, M. G.**, Zhu, Y., Mu, W., Zhou, H., Gong, J., Chan, R.C.K., Kwapil, T., & Berenbaum, H. (2023). Exploring Phenotypic Overlap Across Schizotypy and Autism Spectrum Conditions in American and Chinese Young Adults. [Under review].
12. **Chirica, M.G.**, Adams, S.A., Quinn, P., Meraz, R., Rickert, M., Sidorchuk, A., Kroenke, K., D'Onofrio, B. (2023) *Psychiatric and racial/ethnic predictors of incident and long-term benzodiazepine use: a commercial health care claims study*. Indiana University. [Under review].

PUBLICATIONS IN PREPARATION

1. **Chirica, M.G.**, Gillenwater, L., Quinn, P., Sidorchuk, A., Kroenke, K., Fazel, S., D’Onofrio, B. (2023) *The association between benzodiazepines and suicidal behavior: a systematic review*. Indiana University.
2. Miller, S.A., Bate, G., **Chirica, M.G.**, Gandelman, E. (2023). *Extraversion as the Intensity, Reactivity, and Variability in Day-to-Day Affect*. [Manuscript in preparation]. Department of Psychology, Rosalind Franklin University of Medicine & Science.
3. Miller, S.A., Anderson, K., Bahrke, J., Beilke, T., Bodu, A., Cao, E., Carlson, J., **Chirica, M.G.**, Foreman, J., Friedrich, M.J., Kessler, L., Kunstman, K., Manalo, L., Schuman, J., Stevens, M., Tseitlin, B., Vincent, S., Zajac, D. (2023). *MDMA: Deleterious Effects, Medical and Social Issues, Education and Treatment*. [Manuscript in preparation]. Rosalind Franklin University of Medicine & Science.

PRESENTATIONS

1. Appleseth, H., Bocanegra, E. S., **Chirica, M.G.**, Devendorf, A. R., & Kaur, K. (2023, November 16-19). In S. N. Hellberg & H. J. Ojalehto (Moderators), *Improving the Mental Health & Wellbeing of Graduate Students in Clinical Psychology: A Call to Action from Trainee Stakeholders*. [Panel]. Association for Behavioral and Cognitive Therapies 2023 Convention, Seattle, WA.
2. **Chirica, M.G.**, Adams, S., Quinn, P., Meraz, R., Rickert, M., Sidorchuk, A., Kroenke, K., D’Onofrio, B. (2023, November 16-19). *Incident and long-term benzodiazepine use: a national study of commercial health care claims*. [Poster presentation]. Association for Behavioral and Cognitive Therapies 2023 Convention, Seattle, WA.
3. **Chirica, M.G.**, Carreon, S., Buscemi, J., Greenley, R., Tran, S., Miller, S.A. (2022, November 17-20) *Changes in tripartite dimensions of anxiety and depression in emerging adults before and during COVID-19*. [Poster presentation]. Association for Behavioral and Cognitive Therapies, New York City, NY.
4. **Chirica, M.G.**, O’Reilly, L., Elam, K., Quinn, P., Adams, S., Klonsky, D.E., Pettersson, E., Lundström, S., Larsson, H., Lichtenstein, P., D’Onofrio, B. (2022, June 16-17). *Protective Factors for Self-Harm/Suicide Attempt: The Role of Physical Activity and Friendship Quality*. [Poster presentation]. Suicide Research Symposium.
5. Paun, O., Nowell, H., **Chirica, M.G.** (2021, September 30-October 4). *Dementia family caregivers' loss and grief in the time of COVID-19*. [Symposium]. American Psychiatric Nurses Association Annual Conference 2021.
6. **Chirica, M.G.**, Buscemi, J., Greenley, R., Tran, S., Miller, S.A. (2021, May 26-27) *Tripartite dimensions of anxiety and depression change after the emergence of COVID-19*. [Poster presentation]. 33rd Annual Convention of the Association for Psychological Science, Chicago, IL.
7. **Chirica, M.G.**, Miller, S.A. (2021, April 22-24). *A network panel model of anxiety and depressive symptoms: a preliminary investigation*. [Poster presentation]. Midwest Psychological Association Conference 2021, Chicago, IL.

8. Gandelman, E., **Chirica, M.G.**, Miller, S.A. (2021, April 22-24) *Exploratory linguistic analysis of written MDMA and meth experiences*. [Poster presentation]. Midwest Psychological Association Conference 2021, Chicago, IL.
9. **Chirica, M.G.**, Kessler, K.H., Schneider, K. (2021, March 6-7). *Moving to Telehealth during the COVID-19 pandemic: Behavioral Health Services at a Student-Led Free Clinic*. [Poster presentation]. Society of Student Run Free Clinics Annual Conference 2021.
10. Thippana, J., **Chirica, M.G.**, Vincent, S., Schenider, K., Chen, M. (2021, March 6-7). *Chronic Health Conditions and their Association with Anxiety/Depressive Symptoms*. [Poster presentation]. Society of Student Run Free Clinics Annual Conference 2021.
11. Vincent, S., Thippana, J., **Chirica, M.G.**, Schenider, K., Chen, M. (2021, March 6-7). *Association of Anxiety/Depression Symptoms and Chronic Health Conditions in a Minoritized Sample at a Student-Led Free Clinic*. [Poster presentation]. Society of Student Run Free Clinics Annual Conference 2021.
12. **Chirica, M.G.**, Batteson, T. (2020, September 16-18). *Qualitative and quantitative analyses of metacognition, macrocognition, and moral decision-making*. [Poster presentation]. Midwest Interprofessional Practice, Education, and Research Conference, Allendale, MI. doi:10.13140/RG.2.2.21493.19683
13. **Chirica, M.G.**, Batteson, T. (2020, June 1-4). *Can augmented intelligence be part of the healthcare team? The case for Isabel as a diagnostic reasoning team member* [Poster presentation]. International Science of Team Science Conference, Durham, NC.
14. **Chirica, M.G.**, Batteson, T. (2020, June 1-4). *Metacognition, macrocognition, moral reasoning and system safety in collaborative team decision making*. [Oral presentation] International Science of Team Science Conference, Durham, NC.
15. **Chirica, M.G.**, Buscemi, J., Greenley, R.N., Tran, S.T., & Miller, S.A. (2020, May 22-25). *Network analysis of trait and state anxiety measures reveals a connected system* [Poster Presentation]. 32nd Annual Convention of the Association for Psychological Science, Chicago, IL. (Conference Cancelled)
 - Poster presented virtually at the APS Poster Showcase, Chicago, IL.
16. **Chirica, M.G.**, Batteson, T.J. (2020, March 18). *Metacognition, moral reasoning, and system safety in collaborative team decision making*. [Poster presentation]. Rosalind Franklin University All School Research Consortium, North Chicago, IL. (Conference Cancelled)

RESEARCH EXPERIENCE

Developmental Psychopathology Lab

Indiana University Bloomington

Graduate Research Assistant

P.I: Brian D'Onofrio, Ph.D.

July 2021- Present

- Learning how to organize, manage, and analyze large data for the purpose of conducting population-based, translational research
- Conducting an epidemiological systematic review on the effect of benzodiazepines and suicidal behavior

- Beginning to examine large health claims data to assess the incidence of benzodiazepine use in the United States from a public health and clinical perspective

Chronic Grief Management Intervention Laboratory

Rush University College of Nursing

Epi Research Assistant

P.I: Olimpia Paun, Ph.D., PMHCNS-BC

April 2019- July 2023

Project Description: NIH- funded study testing the effects of the 8-week CGMI-V intervention on a caregiver primary outcome (chronic grief) and two secondary outcomes (mental health – anxiety, depression– and facility-related outcomes).

- Transcribed group intervention sessions to compare dialogue before and after the COVID pandemic began
- Currently assisting with data entry, cleaning, and analyses for measures of grief, anxiety, and depressive symptoms in the caregivers of Alzheimer’s patients
- Administering systematic tests and questionnaires including the assessment of participant eligibility, level of function, and/or response to intervention(s)

GPF Foundation

2020-2021 Research Fellow

March 2020- August 2021

- Assisted in the development, implementation, and facilitation of a harms reduction presentation of ecstasy (MDMA) to young adults ages 21-30
- Wrote an informative systematic review on MDMA to educate healthcare professionals

Personality and Emotion Research Laboratory

Rosalind Franklin University of Medicine and Science

Graduate Research Assistant

P.I: Steven A. Miller, Ph.D.

August 2019- July 2021

- Analyzed anxiety symptoms using an exploratory graph analysis to see if there is an overlap in state and trait measures of anxiety
- Helped design and implement an online exercise intervention study for victims of psychopathic relationships. Recorded the online intervention videos and acted as a moderator on the online media platform
- Ran longitudinal two-wave panel models to examine a possible causal relation between anxiety and depression symptoms
- Used multilevel structural equation modeling to temporally test if there is a mediation of stressors between negative mood regulation/negative affect and a reduction in social support
- Conducted data analyses on the extent to which extraversion, neuroticism, and experiences of positive events predict the mean level, variability, and autocorrelation of positive affect

D.Witt Baldwin Interprofessional Institute

Rosalind Franklin University of Medicine and Science

Research Assistant

P.I: Tamzin Batteson, BSc

August 2019- July 2021

- Ran statistical analyses in SPSS and qualitative analyses in NVivo for projects pertaining to cognition, metacognition, learning theory and team science
- Facilitated a grant-supported study that will assist in understanding augmented intelligences' role in combating diagnostic error in healthcare teams
- Assessed the role that metacognition might play in differences in communication and decision making between individuals vs collaborative teams
- Developed and facilitated an ethical shared mental model that may benefit patient outcomes and advance research into collaborative behavior and team science
- Dissected results of attitudes of healthcare students towards sexual and gender minorities
- Assessed current utilization of the concept 'vividness' in visual mental imagery and helped develop a new phenomenological approach to define and assess vividness

Healthy DePaul University Project

DePaul University, Chicago, IL; Rosalind Franklin University of Medicine and Science, North Chicago, IL

Graduate Research Assistant

P.I: Rachel Greenley, Ph.D.

December 2019- May 2021

Project Description: Multi-wave, cross-institutional study investigating longitudinal relationships between daily hassles, physical health complaints, and other psychosocial variables in emerging adults.

- Oversaw multiple waves of data collection, ensuring completion of surveys
- Distributed monetary compensation to participants and tracked budget
- Cleaned data generated from study
- Assessed anxiety/depression symptoms before and after the emergence of COVID-19

Interprofessional Community Clinic

Rosalind Franklin University of Medicine and Science

Research Liaison

P.I: Kristin Schneider, Ph.D.

May 2020- May 2021

Project Description: Analyze behavioral health records among patients at the student-run interprofessional community clinic to examine the prevalence of anxiety and depressive symptoms among the clinic's patient population

- Collaborated with the research panel to develop and implement research projects for the clinic
- Created a database containing the PHQ-9 and GAD-7 scores for all patients at the clinic, in addition to demographic information, medical history, and consult history

- Analyzed relationships among chronic health conditions and anxiety and depression
- Developed three posters and one manuscript disseminating our results

Northwestern Emotion and Risk Laboratory

Northwestern University Feinberg School of Medicine

Graduate Research Assistant

P.I: Stewart Shankman, Ph.D.

May 2019-August 2019

- Analyzed psychophysiological data and transcribed audio data into a format that allowed us to listen for valence differences for an NIH-funded study on mood and anxiety disorders looking at the neuroactivity of depressed vs. non-clinical populations

Berenbaum Laboratory

University of Illinois at Urbana-Champaign, Department of Psychology

Research Assistant

P.I: Howard Berenbaum, Ph.D.

August 2017- May 2019

- Conducted research on emotion and cognition by testing over 1,000 students
- Administered and assessed data from schizotypal and autism questionnaires to make parallels between different disorders
- Performed a factor analysis of autism and schizotypy scales to examine similarities in characteristics

Human Attention Lab

University of Illinois at Urbana-Champaign, Department of Psychology

Undergraduate Research Assistant

P.I's: Simona Lleras Buetti, Ph.D., Alejandro Lleras, Ph.D., & Anna Madison, Ph.D. Student

November 2015- May 2016

- Administered visual short-term working memory and visual search tasks to college-aged participants to research selective attention & organization of visual information
- Investigated visual perception by displaying flashing objects on computer screens

CLINICAL EXPERIENCE

Riley Child and Adolescent Psychiatry Tics Anxiety and Compulsions (TAC) Clinic

Clinical Psychology Extern

Supervisor: Ann M. Lagges, PhD

June 2023- Present

- Provide exposure-based CBT to children for different disorders including Generalized Anxiety Disorder, Major Depressive Disorder, Specific Phobia, and Social Anxiety Disorder
- Provide Comprehensive Behavioral Intervention (CBIT) for Tourette Syndrome and Exposure and Response Prevention (ERP) for Obsessive-Compulsive Disorder to children and adolescents

IU Cognitive Behavioral Therapy Clinic

Student Therapist

Supervisor: Spencer Dawson, PhD, HSPP, DBSM

August 2022-June 2023

- Directly provided cognitive behavioral therapy to adult individuals in the Bloomington, IN community for anxiety disorders
- Utilized the Unified Protocol of Transdiagnostic Treatment of Emotional Disorders manual
- Administered the MINI for DSM-V, CCSR, PhQ-9, GAD-7, and personality measures.
- Developed skills in behavioral exposures, activity/mood tracking, mindful meditation, testing cognitive distortions and core beliefs, motivational interviewing

Rogers Behavioral Health

Clinical Psychology Intern

Supervisors: Mary McClafferty, LCSW & Paula Young, Ph.D.

August 2020- May 2021

- Assessed and developed individual treatment plans and exposure hierarchies for adult OCD/anxiety patients
- Directly provided cognitive behavioral therapy, dialectical behavior therapy, and exposure response prevention to OCD/anxiety patients
- Facilitated CBT skills groups for adult OCD/anxiety patients in the partial hospitalization program
- Spent approximately 20 hours per week in face-to-face treatment and assessment

Interprofessional Community Clinic

Student Therapist/ Executive Officer for Behavioral Health

Supervisor: Kenneth Kessler, PhD

January 2020- May 2021

- Provided psychotherapy and therapeutic support to patients in the community
- Conducted behavioral health change consults to medical patients at the ICC who desired to make a behavioral change
- Conducted general psychological consults to patients with elevated PHQ-9/GAD-7 scores

Cunningham Children's Home

Psychology Intern

Supervisor: Holly Lewis, LMSW

April 2018 - May 2019

- Provided therapeutic support to youth ages 13-18 who have experienced trauma
- Assisted the kids in learning positive coping and behavioral skills, achieve realistic academic goals, and develop the life skills necessary to be successful in a community
- Arranged around-the-clock opportunities for growth and learning in a therapeutic living environment
- Spent approximately 10 hours per week in face-to-face treatment and assessment

TEACHING EXPERIENCE

Indiana University Bloomington

Guest Lecturer, P-425 Behavior Disorders of Childhood and Adolescence Fall 2023

Indiana University Bloomington

Assistant Instructor (AI), PSY-X 476 Practicum in Psychology Spring 2021

Indiana University Bloomington

Assistant Instructor (AI), PSY-P 457 Topics in Psychology: Forensic Psychology Fall 2021

Rosalind Franklin University of Medicine and Science

Teaching Assistant, HPSC669 Theories of Counseling and Psychotherapy March-May 2021

Rosalind Franklin University of Medicine and Science

Guest Lecturer, HPCC500 Research and Statistics September 2020

PEER-REVIEW

Translational Issues in Psychological Science (TPS) 2023-2024

*Associate Editor, Modern Psychological Measurement Special Issue
Reviewer*

2023-2024

Ad-hoc Reviewer, APS Student Research Award (2023)

Reviewer, Association of Psychological Science Research Grant (2023)

PROFESSIONAL AND COMMUNITY SERVICE

American Psychological Association of Graduate Students (APAGS)

Science Committee Member

November 2022-Present

NextGen Psych Scholars Program

Mentor

July 2022-Present

- Act as a mentor for two prospective psychology PhD applicants
- Provided resources and support for underrepresented applicants

Psychin' Out

Mentor

July 2022-Present

- Provided resources and support for a prospective PhD applicant

RFUMS Interprofessional Community Clinic

Executive Officer for Behavioral Health

September 2019- May 2021

- Designed and implemented consult and therapy protocols for telemedicine
- Consulted with board members on clinic operations and represented the behavioral health team as the primary accountable person for issues regarding behavioral health
- Attended monthly, executive officer board meetings and ran weekly behavioral health panel meetings where I delegated responsibilities appropriately

Graduate Association of Students in Psychology (GASP)

Student-Faculty Liaison

August 2019- August 2020

- Attended department faculty meetings as a student representative
- Served as a liaison for student input and concerns
- Helped plan events and guest lectures hosted by the student association

Regional Educational Alternative for Developing Youth (READY) and the Youth Assessment Center (YAC)

Mentor

August 2017- May 2019

- Guided my student through difficult situations such as family dysregulation
- Influenced my student to be positive about education and to advance her studies

Boys and Girls Club

Mentor

September 2015- May 2018

- Assisted children with their homework by helping them with their reading hours
- Taught children materials they did not understand, especially in science and mathematics

RFUMS Interprofessional Community Clinic

Student Volunteer

September 2019- May 2021

Responsibilities:

- Operated as a member of interdisciplinary health care teams to help uninsured individuals in the community

Equip for Equality

Volunteer

June 2018- August 2018

Responsibilities:

- Collected demographic information about callers and completed questionnaires to document domestic violence incidents that I then provided to legal areas such as special education, abuse investigation team, and the civil rights team

National Immigrant Justice Center

Researcher

May 2018- August 2018

Responsibilities:

- Investigated and researched with a team of skilled lawyers to assist an immigrant from Mexico claim asylum for domestic violence for a Pro Bono lawsuit
- Examined legal documents (affidavits and briefs) and laws to corroborate our case

SKILLS & CERTIFICATIONS

Statistical Skills: R, SPSS, MPlus, SAS, SQL, Longitudinal Models, Network Analysis, Survival Analysis, Meta-Analysis

Clinical Skills: Unified Protocol, Unstructured Clinical Interviews, Structured Clinical Interviews, Exposure Response & Prevention, Dialectical Behavioral Therapy, Cognitive Behavioral Therapy, Case Management, CBT and DBT Groups, MMPI-2, MMPI-2 RF, Comprehensive Behavioral Intervention for Tics (CBIT)

Certificates: Criminology, Law and Society; Therapeutic Crisis Intervention; Basic Life Support for Healthcare Professionals, SAS Programming Level 1 & 2

AFFILIATIONS

2021- Present **Association for Behavioral and Cognitive Therapies** (Student Membership)
2019- Present **Association of Psychological Science** (Graduate Student Affiliate)
2017- Present **American Psychological Association** (Student Affiliate)
2020- 2022 **Society for Health Communication** (Standard Membership)