

Talia R. B. Chia

University of Illinois at Urbana-Champaign
Department of Psychology
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GRADUATE EDUCATION:

University of Illinois at Urbana-Champaign

Doctor of Philosophy, Clinical-Community Psychology

Expected 2024

Minor: Statistical Modeling

Comprehensive Examinations Passed: Spring 2022

Dissertation Proposal Approved: Fall 2022

Dissertation Title: Evaluation of a Comprehensive Multidimensional Model of Bipolar Spectrum Psychopathology through Statistical and Machine Learning Methods

University of Illinois at Urbana-Champaign

Master of Science, Psychology

Fall 2020

Thesis Title: A Critical Examination of Multidimensionality within the Hypomanic Personality Scale

UNDERGRADUATE EDUCATION:

University of California, Los Angeles

Bachelor of Arts, Psychology, Minor in Art History

Spring 2015

Graduated Cum Laude, Phi Beta Kappa

AWARDS AND HONORS:

Instructor Rated as Outstanding: Awarded by the University of Illinois 2019-2022.

Instructor Rated as Excellent: Awarded by University of Illinois 2019-2022.

Most Valuable Professor: Awarded by the University of Illinois' Women's Soccer team 2022.

UCLA Dean's Honor List: Awarded 2011-2015.

Phi Beta Kappa: America's oldest and most prestigious honors society. Awarded 2015.

Chancellor's Service Award: A selective award honoring students who have made significant contributions to UCLA and the Los Angeles community through outstanding leadership and service.

Golden Eagle Award: Awarded by Alpha Phi Omega in 2014 for outstanding leadership and service.

Service Award: Awarded by Alpha Phi Omega in 2014 for outstanding service across Los Angeles.

National Society of Collegiate Scholars Member: National non-profit academic honors society.

Golden Key International Honour Society Member: International non-profit academic honors society.

CLINICAL EXPERIENCE:

** Practicum experience was reduced, modified, or halted due to COVID-19*

Carle Neurosciences Institute Neuropsychological Assessment

Fall 2022- present

Supervisor: Catherine York, Ph.D.

- Conducted thorough neuropsychological assessments (Boston approach, see *Evidence-Based*)

Assessment Batteries below), case conceptualization, diagnosis, treatment planning, and report writing for clients with neurological disorders in the Department of Neurology.

- Primarily worked with geriatric patients presenting with memory-related disorders, movement disorders, and stroke, as well as with adult patients with traumatic brain injuries.

***University of Illinois Disability Resources and Education Services**

Fall 2021- present

Supervisor: Sue Han, Psy. D., & Teresa Davenport, Ph.D.

- Implemented evidence-based treatments (e.g., ERP, ACT, CBT, STSFT) for a broad range of disorders (e.g., obsessive-compulsive disorder, major depressive disorder, autism spectrum disorder, attention-deficit hyperactivity disorder, etc.) for undergraduate and graduate students at the University of Illinois at Urbana-Champaign.
- Facilitated “I Belong” therapy group for LGBTQIA+ students looking to foster radical hope.
- Balanced high individual and group caseload with diverse identities and presenting concerns.

***University of Illinois Childhood Adversity and Resiliency Services**

Fall 2020- Spring 2021

Supervisor: Joe Cohen, Ph.D.

- Conducted intake assessments (with written reports), developed and implemented evidence-based treatments (e.g., TF-CBT, CBT-I, MATCH-ADTC, IPT, MI) for trauma disorders and comorbid diagnoses (e.g., major depressive disorder, generalized anxiety disorder, gender dysphoria) for youth in the Champaign-Urbana community.
- Worked with older adolescent clients (ages 16-18) with minoritized identities.

***University of Illinois Adult Assessment Practicum at OSF Hospital**

Fall 2019- Spring 2020

Supervisor: Tom Kwapil, Ph.D.

- Conducted diagnostic assessments (e.g., SCID-5, SCID-5-PD) for in-patient psychiatric facility.
- Reviewed relevant chart information, consulted with social workers, nurses, and psychiatrists to prepare concise diagnostic reports within an interdisciplinary setting.
- Experience with serious mental illness, substance use, and personality psychopathology.

University of Illinois Microskills

Spring 2019

Supervisor: Carla Hunter, Ph.D.

- Implemented MI protocol for increasing adherence to non-clinical related goals (e.g., weight loss, increased productivity, starting one’s own business).
- Worked with adult clients in the Champaign-Urbana community with minoritized identities.

University of California, San Francisco Department of Pediatric Neurology

2015-2018

Supervisor: Elliott Sherr, M.D., Ph.D.

- Assessed patients aged 9 months through 21 years for autism spectrum disorder using evidence-based assessments (e.g., ADOS-2, ADI-R, ASQ, SCQ, SRS, DANVA).
- Conducted cognitive testing to assess for comorbid neurodevelopmental diagnoses.
- Administered fMRI, sMRI, and DTI for patients 9-18 years with autism spectrum disorder.

TRAININGS AND CERTIFICATES:

Graduate Teaching Certificate

May 2022

University of Illinois Center for Innovation in Teaching and Learning

Trauma-Focused Cognitive Behavioral Therapy Training Completion

August 2020

Medical University of South Carolina

Autism Diagnostic Interview- Revised Research Certified <i>Thompson Autism Center: University of Missouri</i>	<i>January 2018</i>
Autism Diagnostic Interview- Revised Clinical Certified <i>Thompson Autism Center: University of Missouri</i>	<i>January 2018</i>
Autism Diagnostic Observation Session- 2 nd Ed. Research Certified <i>University of Washington</i>	<i>April 2016</i>
Autism Diagnostic Observation Session- 2 nd Ed. Clinical Certified <i>Chapman University</i>	<i>April 2016</i>
MRI Training and Research Certified <i>University of California, San Francisco</i>	<i>April 2016</i>
Basic Life Support Certification <i>American Red Cross</i>	<i>March 2016</i>

RESEARCH EXPERIENCE:

UIUC The Project on Life Experiences Lab

Fall 2018- present

PI: Tom Kwapil, Ph.D.

- Serves as graduate researcher in charge of developing new projects surrounding bipolar spectrum psychopathology and psychosis spectrum psychopathology (i.e., schizotypy).
- Analyzed and published study of cooccurrence of bipolar spectrum and psychosis spectrum psychopathology in non-clinically ascertained adult sample.
- Conducted statistical comparison of previously published and novel competing multidimensional models of bipolar spectrum psychopathology as measured by questionnaire assessment in at-risk population.
- Conducted systematic review of all multidimensional models of bipolar spectrum psychopathology, including *a priori* theoretical models and applied latent factor and cluster analytic models of preexisting bipolar disorder assessments.
- Developed novel multidimensional model of bipolar spectrum psychopathology after synthesis and critical analysis of 91 previously proposed, heterogeneous models.
- Used statistical and machine learning methods to evaluate novel model of multidimensional bipolar spectrum psychopathology in large, multisite sample.
- Supervised and trained undergraduate research assistants in varied study methodologies (e.g., systematic review, survey data collection, interview data collection).
- Provided seminars about statistical and machine learning methods including exploratory factor analysis, confirmatory factor analysis, applied regression analysis, and artificial neural networks.
- Provided support for and training in coding in R and RStudio.
- Obtained IRB approval and coordinated IRB management for relevant research projects.

UCSF Brain Development Research Program

Fall 2015- Spring 2018

PI: Elliott Sherr, M.D. Ph.D.

- Served as Clinical Research Coordinator for interdisciplinary pediatric neurology program with projects focusing on autism spectrum disorder, neurodevelopmental disorders, developmental delays, neuroradiology, pediatrics, and epigenetics.
- In charge of recruitment, cognitive testing of participants (Mullen, DAS-II, WASI, WISC,

etc.), clinical assessment of participants (ADOS-2, ADI-R, DANVA), running neuroimaging protocols (fMRI, sMRI, DTI), and coordinating data collection.

- Managed large-scale, multisite study for the development of a blood-based biomarker of autism spectrum disorder through coordination of phlebotomy services, analysis of blood samples, conducting of psychological assessment and cognitive testing of participants (aged 9 months through 18 years) and their families.
- Managed large-scale, multisite study for the association between autism spectrum disorder and macrocephaly through conducting fMRI, sMRI, and DTI protocols, coordination of further neuroimaging (MEG, EEG), coordination of phlebotomy services, and conducting of psychological assessment and cognitive testing of participants (aged 9-18).
- Analyzed neuropsychological data pertaining to rare genetic disorders (DDX3X, 16p11.2 deletion, agenesis of the corpus callosum).
- Trained medical students and graduate students to provide cognitive testing.
- Supervised and trained undergraduate and graduate research assistants in varied study methodologies (e.g., biological data collection, psychological data collection through survey and interview, neuroradiological data collection, etc.).
- Provided seminars about psychopathology, pediatric development, and neurodevelopmental disorders and screenings.
- Obtained IRB approval and coordinated IRB management for relevant research projects.

UCLA Achievement, Behavior, Cognition Program

Fall 2014- Summer 2015

PI: Tara Peris, Ph.D. & Ben Schneider, M.D.

- Served as Study Coordinator for partial hospitalization program for youths ages 6-12 who present with severe psychopathology along with school refusal.
- Coordinated initial research project aimed at characterizing the patient population and quantifying efficacy of treatment program at baseline, throughout hospitalization, at discharge, and longitudinally.
- Duties including: interfacing with families, preparing study materials, consenting youth and families, administering assessments to patients, attending clinical rounds, coordinating data collection with an interdisciplinary treatment team.

UCLA Childhood OCD, Anxiety, and Tic Disorders Clinic

Fall 2014- Summer 2015

PI: Tara Peris, Ph.D.

- Served as Research Assistant for study regarding efficacy of family-focused therapy for youth with OCD, as moderated by parental expressed emotion.
- Duties including: coding Five Minute Speech Samples as a measure of expressed emotion, scoring measures, checking data for completeness, entering data into SPSS.
- Conducted analysis and presented data demonstrating how patterns of parental expressed emotions predicted treatment response for youth with OCD.

UCLA TIES for Families

Fall 2014- Summer 2015

PI: Audra Langley, Ph.D.

- Served as Lead Research Assistant at program that provides mental health services, advocacy, and mentorship to foster and adoptive youth.
- Duties including: administering measures to clients, preparing study materials, scoring measures, checking data for completeness, entering and analyzing data in SPSS.

UCLA Psychophysiology Lab

Fall 2013-Winter 2014

PI: David Shapiro, Ph.D.

- Served as Research Assistant in Dr. Shapiro's lab for "Rumination in everyday life" study, focusing on depressive rumination's influence on physiological data.
- Duties including: screening clients for participation, recruiting clients, administering measures to clients, interfacing with clients, entering and checking data.

PEER-REVIEWED PUBLICATIONS:

**These authors contributed equally to the work*

Chia, T. R. B., Brandys, D. P., & Kwapil, T. R. (2022). *A systematic review and proposal of multidimensionality within the bipolar spectrum*. Manuscript submitted for publication.

Argili, E. *, **Berson, T. R.***, Thomas, R., Thomas, S., Fregeau, B. M., Elfstrom, S., Owen, J. P., Faridar, A., Thieu, T., & Sherr, E. H. (2022). *Development of an ASD biomarker: Altered activity of kinase and phosphatase signaling pathways in blood in patients with autism*. Manuscript in preparation.

Berson, T. R., Sperry, S. H., Walsh, M. A., & Kwapil, T. R. (2022). A critical examination of multidimensionality within the Hypomanic Personality Scale. *Comprehensive Psychiatry*, 115, 152306. <https://doi.org/10.1016/j.comppsy.2022.152306>.

Berson, T. R., Kemp, K. C., Bathery, A. J., Barrantes-Vidal, N., & Kwapil, T. R. (2021). The association of bipolar spectrum psychopathology with psychotic-like and schizotypic symptoms. *Journal of Psychopathology and Behavioral Assessment*, 43, 303-313. <https://doi.org/10.1007/S10862-020-09805-8>.

RELEVANT POSTER PRESENTATIONS:

**Presenting author*

Chia, T. R. B.*, Brandys, D. P., & Kwapil, T. R. (2022). A Systematic Review and Proposal of Multidimensionality within the Bipolar Spectrum. Presented at the Society for Research on Psychopathology, Philadelphia, PA.

Berson, T. R.*, Sperry, S. H., Walsh, M. A., & Kwapil, T. R. (2021). A Critical Examination of Multidimensionality within the Hypomanic Personality Scale. Presented at the Society for Research on Psychopathology, online.

Berson T. R.*, Kemp K. C., Bathery A. J., Barrantes-Vidal N., & Kwapil T. R. (2019). The Association of Bipolar Spectrum Psychopathology with Psychotic-like and Schizotypic Symptoms. Presented at the Society for Research on Psychopathology, Buffalo, NY.

Argilli E*, **Berson T. R.***, Thomas S., Fregeau B. M., Elfström S., Owen J. P., Thieu T, Tsang M., & Sherr E. H. (2017). Toward the Development of an ASD Biomarker: Altered Activity of Kinase Signaling Pathways in Blood. Presented at the International Meeting for Autism Research, San Francisco, CA.

Juwono J.*, **Berson T. R.**, Peris T. S. (2016). Links Between Parental Expressed Emotion and Parenting Style among Youth with Severe Obsessive Compulsive Disorder. Presented at the American Psychological Association, Denver, CO.

Berson T. R.*, Elfström S., Simons VIP Consortium, & Sherr, E. H. (2015). Characterizing Phenotypic Presentation of the 16p11.2 Deletion. Presented at the Bay Area Autism Consortium, Redwood City, CA.

EDITORIAL POSITIONS:

Journal of Clinical Psychology: Ad-Hoc Journal Reviewer

TEACHING EXPERIENCE:

Psychopathology and Problems in Living (PSYC 238)

Fall 2019- Present

University of Illinois at Urbana-Champaign

- Instructor of record for 50-100 students each semester, including over university breaks.
- Created course materials, lectured, and graded for topics including definition, classification, and conceptualization of psychopathology, DSM-5-TR disorders, and current research topics.
- Shared across department updated course materials that demonstrated greater diversity, such as inclusion of topics related to racial trauma, epidemiological research related to non-binary and trans gender identities, and differential diagnosis related to cultural humility.
- Held weekly office hours and individual student meetings as needed to communicate feedback, answer questions, advise on study strategies, and provide academic suggestions.
- Created and implemented new course website.

Illinois Summer Teaching Institute

Summer 2021, Summer 2022

University of Illinois at Urbana-Champaign

- Nominated and selected by Head of Department of Psychology to attend university-wide teaching academy hosted for faculty and graduate student instructors. Courses focused on advanced teaching methods, focusing on integrating new modalities of learning given virtual and hybrid techniques during the COVID-19 pandemic.

Introductory Psychology (PSYC 100)

Fall 2021- Winter 2021

University of Illinois at Urbana-Champaign

- Graduate Teaching Assistant for 100 students, mostly first-years.
- Created course materials, lectured, and graded for topics including neuroanatomy, theories of learning, social psychology, psychopathology, personality psychology, and more.
- Held weekly office hours and individual student meetings as needed to communicate feedback, answer questions, advise on study strategies, and provide academic suggestions.

Honors Psychology (PSYC 398)

Fall 2020- Spring 2021

University of Illinois at Urbana-Champaign

- Graduate Teaching Assistant for 15 honors psychology students.
- Provided feedback and demonstrations to help students identify research questions, conduct literature reviews, collect and analyze data, and write their honors theses in a variety of psychological fields (e.g., psychobiology, clinical psychology, social psychology, etc.).

- Held weekly office hours and individual student meetings as needed to communicate feedback, answer questions, advise on study strategies, and provide academic suggestions.

Psychology of the Infant (PSYC 318)

Spring 2020

University of Illinois at Urbana-Champaign

- Graduate Teaching Assistant responsible for approximately 100 students.
- Conducted office hours and review sessions for information regarding developmental psychology, graded written assignments and examinations, and created course website.

TECHNICAL EXPERTISE:

Fluent in R	SPSS
Fluent in Python	Qualtrics
Proficient in MPlus	Redcap

STATISTICAL EXPERTISE:

Machine Learning Classification	ANOVA
Machine Learning Regression	Item Response Theory
Artificial Neural Networks	Differential Item Functioning
Structural Equation Modeling	Classical Test Theory
Latent Factor Analysis	G Theory
Latent Cluster Analysis	Probability
Regression and Model Building	Null Hypothesis Statistical Testing
Hierarchical Linear Modeling	Power Analysis

VOLUNTEER AND LEADERSHIP EXPERIENCE:

Diversity Committee Member

2020

University of Illinois at Urbana-Champaign, Clinical-Community Psychology

- Volunteered as a member of the joint student-faculty program area diversity committee.
- Oversaw creation of Diversity Navigator position to assist students and faculty in navigating processes related to grievances or education for issues of diversity, equity, and inclusion.

Speaker

2019- 2020

Psi Chi, University of Illinois at Urbana-Champaign

- Presented by invitation to the Psi Chi undergraduate student organization on campus about topics including different graduate programs, personal research initiatives, and résumé building, and tips for becoming competitive applicants in the job market.

Panel Member

2019- 2020

Department of Psychology, University of Illinois at Urbana-Champaign

- Facilitated and participated in four graduate student panels for undergraduate students in the department of psychology interested in graduate school and future professional development.

Leadership

2012- 2017

UCLA UniCamp, University of California, Los Angeles

- UCLA's official student charity; summer camp for low-income Los Angeles children.
- Completed 400+ hours of training and created programming focused on leadership, academic development, mental and physical health maintenance, and goal setting.
- As leadership, organized flagship session focused on health, nutrition, and fitness; trained over 70 volunteers in partnership with Children's Hospital, Los Angeles.

Brotherhood of Alpha Phi Omega Service Fraternity*Awarded Spring 2013**Chi Chapter, University of California, Los Angeles*

- Professional fraternity for leadership and community service work.
- Served weekly at Meals on Wheels to coordinate food deliveries to older adults, Monday Night Mission to serve meals to homeless individuals on Skid Row, and at Students Run LA to coordinate outdoor races for public school students in the greater Los Angeles area.

National Communications Coordinator

2012-2013

University of California, Los Angeles

- Represented UCLA's undergraduate students regionally, nationally, and internationally.
- Created legislation across universities for implementation of gender-inclusive bathroom facilities at university buildings and gender-inclusive language in university contracts.

External Vice President

2012- 2013

On-Campus Housing Council, University of California, Los Angeles

- Executive Board member of On-Campus Housing Council representing 11,000 students.
- Coordinated and implemented housing policies on university campus to create safe, diverse, and inclusive communities.

LeaderShape Graduate*Spring 2012**LeaderShape Institute*

- Along with 40 UCLA students, attended an exclusive and rigorous weeklong leadership training course focusing on fostering entrepreneurship, management skills, and diversity initiatives in undergraduate students to better their communities.

EVIDENCE-BASED THERAPEUTIC MODALITIES:**ACT:** Acceptance and Commitment Therapy**Assertiveness Training****CBT:** Cognitive Behavioral Therapy**CBT-I:** CBT for Insomnia**ERP:** Exposure and Response Prevention**Exposure Therapy****IPT:** Interpersonal Psychotherapy**MATCH-ADTC:** Modular Approach to Therapy for Children with Anxiety, Depression, Trauma, or Conduct Problems**MI:** Motivational Interviewing**Mindfulness****Radical Healing****SST:** Social Skills Training**STSFT:** Short-Term Solution Focused Therapy**TF-CBT** Trauma-Focused CBT

EVIDENCE-BASED ASSESSMENT BATTERIES:

* *More than 25 administered*

** *More than 50 administered*

*** *More than 100 administered*

**** *More than 300 administered*

Autism Diagnostic Interview - Revised

Autism Diagnostic Observation Schedules (2nd edition)

BDAE Animal Fluency

Boston Naming Test (2nd Edition)

Brief Visuospatial Memory Test – Revised

California Verbal Learning Test (2nd edition)

Clinician-Administered PTSD Scale for DSM-5

Clock Drawing Task

Conners Continuous Performance Task

Controlled Oral Word Association Test

D-KEFS Trails and Verbal Fluency

Diagnostic Assessment of Nonverbal Accuracy ****

Differential Ability Scales (2nd edition) ****

Grooved Pegboard Test

Hopkins Verbal Learning Test - Revised

Judgment of Line Orientation

Line Bisection Test

Mini International Neuropsychiatric Interview

Mullen Scales of Early Learning ***

Neuropsychological Assessment Battery

Repeatable Battery for the Assessment of
Neuropsychological Status

Rey 15-Item Test

Rey-Osterrieth Complex Figure Test

Structured Clinical Interview for the DSM-5 *

Structured Clinical Interview for the DSM-5 - Personality
Disorders

Symbol Digit Modalities Test

UCLA PTSD Reaction Index

Wechsler Abbreviated Scale of Intelligence (2nd edition) *

Wechsler Adult Intelligence Scale (4th edition)

Wechsler Intelligence Scale for Children (5th edition) *

Wechsler Memory Scale (3rd edition)

Wechsler Test of Premorbid Functioning

Wide Range Achievement Test (4th edition)

Wisconsin Card Sorting Test