

**The Faculty of Medicine of Harvard University
Curriculum Vitae**

Date Prepared: 2/1/2024
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Education:

05/2002	BA	Anthropology and Psychology	Cornell University
06/2011	Pre-doctoral Internship	Clinical Psychology	University of Illinois-Chicago
08/2011	PhD	Psychology (PI: Lauren Alloy, PhD)	Temple University

Postdoctoral Training:

07/11–02/14	Postdoctoral Fellow	Clinical Psychology	Brown University
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Faculty Academic Appointments:

02/14–06/19	Assistant Professor	Psychiatry and Human Behavior	Alpert Medical School of Brown University
07/19– 12/20	Associate Professor	Psychiatry and Human Behavior	Alpert Medical School of Brown University
present	Associate Professor	Psychiatry	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions:

02/14–06/20	Psychologist	Psychiatry	Bradley Hospital
09/18–06/20	Affiliated faculty	Carney Institute for Brain Science	Brown University
05/21–present	Psychologist	Psychiatry	Massachusetts General Hospital
05/21–present	Psychologist	Psychiatry	Salem Hospital
01/22–present	Affiliate		Broad Institute

Other Professional Positions:

2021–2024	Consultant	Relmada Therapeutics	Infrequent
2023–	Advisory Board	Launch2Life	3-4 days per year

Major Administrative Leadership Positions:**Local**

2020–	Director of Suicide Research	Division of Child and Adolescent Psychiatry Massachusetts General Hospital
2020–	Director of Big Data Studies	Depression Clinical and Research Program Massachusetts General Hospital

Committee Service:**Local**

2012–2013	Suicide Workshop Planning Committee	Alpert Medical School of Brown University Member
2014–2020	Child Track Clinical Psychology Internship Program	Alpert Medical School of Brown University Research Supervisor
2014–2020	Child Mental Health T32 Training Committee	Alpert Medical School of Brown University Preceptor
2018–2019	Diversity Mentorship Program	Alpert Medical School of Brown University Mentor
2019–2020	Pediatrics Department Academic Career Mentoring Program	Alpert Medical School of Brown University Faculty Mentor
2020–	Clinical Psychology Internship Program	Massachusetts General Hospital Research Supervisor
2023–		Member, Training Committee
2021	Data and Safety Monitoring Board	Massachusetts General Hospital Member
2022–	Data and Safety Monitoring Board	Massachusetts General Hospital Chair
2022–	Stuart T. Hauser T32 Research Training Program in Biological and Social Psychiatry	Judge Baker Children’s Center Preceptor
2022–	Translational Neuroscience Training for Clinicians (T32)	Massachusetts General Hospital Preceptor
2022–	Training Program in Comparative Effectiveness Research for Suicide Prevention (T32)	Harvard School of Public Health Preceptor

2023–	Psychiatry Executive Committee on Promotions	Massachusetts General Hospital Member
2023–	Center for Suicide Research and Prevention	Massachusetts General Hospital Member, Training Committee Member, Pilot Grant Committee

National

2019	Identifying Research Priorities in Child Suicide Risk	National Institutes of Health Panelist
2020	Faculty promotions	Columbia University External reviewer
2020–	Data and Safety Monitoring Board	University of Minnesota Member
2021	Risk, Resilience, and Trajectories in Preteen Suicide	National Institutes of Health Moderator and panelist
2021–2022	Dissertation committee	Mississippi State University External committee member
2021–	Data and Safety Monitoring Board	University of Pennsylvania Chair
2023	Dissertation committee	Temple University External committee member

Professional Societies:

2007–	Association for Behavioral and Cognitive Therapies	Member
2014–2020 2019, 2021		Member, Program Committee Member, SSI SIG Award Committee
2009–	Society for a Science in Clinical Psychology	Member
2019–		Member, Award Committee
2010–	American Psychological Association	Member
2012–	Association for Psychological Science	Member
2022–		Member, James McKeen Cattell Fellow Award Committee
2012–	Society of Clinical Child and Adolescent Psychology	Member
2018–2019		Mentor, Student Mentorship Program
2014–	Society of Clinical Psychology	Member
2016–	Anxiety and Depression Association of America	Member
2016 2023		Member, Program Committee Mentor

2018–2020	Society for Child and Family Policy and Practice	Member
2018–2020	Society for Research in Child Development	Member, Program Committee
2019– 2020–2022	Society for Research in Psychopathology	Member Member, Diversity Workgroup
2019–	Youth Suicide Research Consortium	Member
2019, 2021	International Academy of Suicide Research/American Foundation for Suicide Prevention Early Career Research Mentoring Program	Mentor
2021	Coalition for the Advancement and Application of Psychological Science’s Clinical Science Knowledge Exchange	Expert Consultant

Grant Review Activities:

2015	US Army Medical Research and Materiel Command Military Operational Medicine Research Program	Ad hoc Reviewer
2016	National Institutes of Health Center for Scientific Review Early Career Reviewer Program	Ad hoc Reviewer
2018	UK Medical Research Council	Ad hoc Reviewer
2020	National Institutes of Health Biobehavioral Mechanisms of Emotions, Stress, and Health study section	Ad hoc Reviewer
2020–2021 2023–2025	European Science Foundation	Ad hoc Reviewer Member, College of Expert Reviewers
2021	Department of Defense Congressionally Directed Medical Research Programs	Ad hoc Reviewer
2021	National Institutes of Health ZRG1 BBBP-S02	Ad hoc Reviewer
2022	National Institutes of Health ZRG1 BST-J NIH Director’s Transformative Research Awards	Ad hoc Reviewer
2022	National Institutes of Health Societal and Ethical Issues in Research study section	Ad hoc Reviewer
2022	Israel Science Foundation	Ad hoc Reviewer
2023	National Institutes of Health Loan Repayment Program	Ad hoc Reviewer

Editorial Activities:

- **Ad hoc Reviewer**

Addiction
Addictive Behaviors
American Journal of Preventive Medicine
American Journal of Psychiatry
American Journal of Public Health
American Psychologist
Anxiety, Stress & Coping
Archives of Sexual Behavior
Archives of Suicide Research
Assessment
Australian and New Zealand Journal of Psychiatry
BMC Medicine
BMC Psychiatry
BMC Public Health
BMJ
BMJ Open
Biological Psychiatry
Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
Biological Psychology
British Journal of Psychiatry
Child Abuse & Neglect
Child Maltreatment
Clinical Nutrition
Clinical Psychology Review
Clinical Psychology: Science and Practice
Cognitive Therapy and Research
Comprehensive Psychiatry
Computers in Human Behavior
Depression and Anxiety
Development and Psychopathology
Drug and Alcohol Dependence
eClinicalMedicine
Emotion
Epidemiology and Psychiatric Sciences
European Child & Adolescent Psychiatry
Expert Systems with Applications
General Hospital Psychiatry
Gut Microbes
International Journal of Geriatric Psychiatry
International Journal of Methods in Psychiatric Research
JAMA Network Open
JAMA Pediatrics
JAMA Psychiatry
JMIR Mental Health
Journal of Adolescence
Journal of Adolescent Health
Journal of Affective Disorders

Journal of Child Psychology and Psychiatry
Journal of Clinical Psychiatry
Journal of Consulting and Clinical Psychology
Journal of Early Adolescence
Journal of Epidemiology & Community Health
Journal of Experimental Psychology: General
Journal of Mood and Anxiety Disorders
Journal of Nervous and Mental Disease
Journal of Personality
Journal of Psychiatric Research
Journal of Psychosomatic Research
Journal of Racial and Ethnic Health Disparities
Journal of Social and Clinical Psychology
Journal of the American Academy of Child and Adolescent Psychiatry
Lancet Psychiatry
Lancet Public Health
LGBT Health
Mindfulness
Molecular Autism
Molecular Psychiatry
Neurobiology of Stress
Neuropsychopharmacology
Neuroscience and Biobehavioral Reviews
New England Journal of Medicine
Nutrients
Pediatrics
Personality and Individual Differences
Personality Disorders: Theory, Research, and Treatment
PLOS One
Preventive Medicine
Probiotics and Antimicrobial Proteins
Psychiatry Research
Psychiatric Services
Psychological Bulletin
Psychological Medicine
Psychology of Sexual Orientation and Gender Diversity
Psychopharmacology
Research on Child and Adolescent Psychopathology (formerly *Journal of Abnormal Child Psychology*)
Schizophrenia Research
Scientific Reports
SLEEP
Sleep Medicine Reviews
Social Cognitive and Affective Neuroscience
Social Psychiatry and Psychiatric Epidemiology
Substance Abuse
Suicide and Life-Threatening Behavior
Translational Psychiatry
Trends in Cognitive Sciences
World Journal of Biological Psychiatry

- **Other Editorial Roles**

2016–2021	Consulting Editor	<i>Journal of Clinical Psychology</i>
2018–2022	Consulting Editor	<i>Journal of Psychopathology and Clinical Science</i>
2021–2023	Special Section Editor: Intersectional approaches to risk, resilience, and mental health in marginalized populations	(formerly <i>Journal of Abnormal Psychology</i>)
2023–	Associate Editor	
2018–	Consulting Editor	<i>Journal of Clinical Child and Adolescent Psychology</i>
2021–	Consulting Editor	<i>Clinical Psychological Science</i>
2021–	Associate Editor	<i>Behavior Therapy</i>
2025–	Editor-Elect	

Honors and Prizes:

2005–2007	University Fellowship	Temple University	Research
2007–2010	Graduate Fund for Excellence	Temple University	Research
2008, 2010	Letter of Commendation	Temple University	Clinical, Research, Collegiality
2010	Dissertation Completion Grant	Temple University	Research
2015	Early Career Achievement Award	American Psychological Association	Research
2015	Rising Star	Association for Psychological Science	Research
2016	Fellow	Kavli Summer Institute in Cognitive Neuroscience	Research
2016	Alies Muskin Career Development Leadership Award	Anxiety and Depression Association of America	Research
2018	David Shakow Early Career Award	American Psychological Association	Research
2018	Susan Nolen-Hoeksema Early Career Research Award	Society for a Science of Clinical Psychology	Research
2020	Mark Chaffin Early Career Research Award	American Psychological Association	Research
2021	Spotlighted Mentor Award	Association for Behavioral and Cognitive Therapies	Mentorship

2022	Psychology internship program Excellence in Mentorship Award	Massachusetts General Hospital and Harvard Medical School	Mentorship
2023	Department of Psychiatry Exceptional Mentorship in Research Award	Massachusetts General Hospital	Mentorship
2023	Fellow	Association for Psychological Science	Research
2024	Fellow	American Psychological Association, Division 53	Research

Report of Funded and Unfunded Projects

Past

2011–2014	Life stress and affect regulation in multiple and first-time adolescent suicide attempters American Foundation for Suicide Prevention PDF-0-10-252 PI; \$100,000 The objective of this study was to examine stress sensitization and stress generation processes in relation to adolescent suicidal behavior.
2012–2015	Epidemiology of adolescent substance use treatment American Academy of Child and Adolescent Psychiatry/NIDA K12 DA000357 Co-Investigator (PI: Case) This study sought to evaluate epidemiological patterns in substance use treatment among adolescents.
2014–2019 NCE 2019–2021	Life stress, impulsivity, and adolescent suicidal behavior NIMH R01 MH101138 PI; \$1,647,927 The project seeks to evaluate whether neurocognitive indices of impulsivity may function as a stress generation mechanism in suicidal adolescents, and whether stress generation may serve as a mechanism underlying the association between past and future suicidal behavior.
2014–2016	Intensive outpatient risk protocol with high-risk suicidal teens NIMH R01 MH099703 Co-Investigator (Multi-PI: Spirito/Esposito-Smythers) The clinical trial evaluated a form of family-focused cognitive behavior therapy as a treatment for adolescents at risk for suicidal behavior.
2016-2019	Biomarkers, social, and affective predictors of suicidal thoughts and behaviors in adolescents NIMH R01 MH105379 Co-Investigator This study assessed emotion reactivity to interpersonal stressors and epigenetic changes associated with childhood maltreatment in relation to adolescent suicidal behavior.
2017–2018 NCE	Modulating impulsivity in suicidal adolescents with tDCS: A proof-of-concept study NIMH R21 MH112055

- 2019 PI; \$307,136 (funded on first submission)
This grant sought to evaluate whether tDCS could reduce impulsivity in impulsive suicidal adolescents, and to use EEG/ERPs to confirm engagement of targeted brain regions.
- 2017–2019 Suicidal and nonsuicidal self-injurious behavior in sexual minority youth
NCE NIMH R21 MH113183
2019-2020 Consultant (Multi-PI: Yen/Mereish)
The purpose of this study is to examine the factors that lead LGBT youth to have higher rates of suicidal and nonsuicidal self-injurious behaviors. Specific factors include the role of emotion regulation, low self-esteem, interpersonal rejection sensitivity, and stresses and experiences unique to LGBT populations (e.g., minority stress).
- 2017–2018 A population-based analysis of the enteric microbiome, depression, and suicide
NCE Brown Institute for Brain Science/Norman Prince Neurosciences Institute New Frontiers
2018–2019 Award
Multi-PI: Liu/Belenky; \$39,970
This study sought to characterize gut microbiome profiles associated with depression and suicidal behavior.
- 2017–2018 Adolescents with major depression and AUD: Community-based integrated treatment
NIAAA R01 AA020705
Co-Investigator (PI: Spirito)
This study sought to evaluate whether intensive CBT may benefit substance using adolescents with co-morbid depression.
- 2018–2019 Systematic reviews and network meta-analyses of the empirical literature on suicidal ideation and behavior among lesbian, gay, bisexual, and transgender populations
American Psychological Foundation Wayne F. Placek Grant
PI; \$10,000
This project aimed to provide systematic reviews to characterize the nature of risk for self-injurious thoughts and behaviors in sexual and gender minority populations.
- 2018–2020 Suicidal thoughts and behaviors in young children: Cognitive, behavioral, and affective risk factors
NIMH R21 MH115514
Co-Investigator (Multi-PI: Spirito/Boekamp)
This study sought to identify cognitive, behavioral, and affective correlates of suicidal thoughts and behaviors in preschool children.

Current

- 2018–2023 Neurocognitive characteristics of short-term risk for suicidal behavior in adolescents
NCE NIMH R01 MH115905 (funded on first submission)
2023-2024 PI; \$2,330,280
The major goal of this study is to evaluate candidate neurocognitive markers of short-term risk for suicidal behavior in clinically acute adolescents using novel advances in computational psychiatry.
- 2019–2023 Temporal dynamics of stress, sleep, and arousal in short-term risk for adolescent suicidal behavior
NCE
2023-2024 NIMH RF1 MH120830
PI; \$2,131,420
The major goal of this study is to adopt ambulatory assessments of stress, sleep disturbance, and physiological arousal, and a measure of stress-related executive control

in evaluating the interrelation of these risk indices in characterizing short-term risk for suicidal behavior in clinically acute adolescents.

- 2021–2025 Clarifying proximal mechanisms linking interpersonal stressors to suicidal behavior in youth: A multi-informant real-time monitoring study
NIMH R01 MH124899
Multi-PI: Kleiman/Glenn/Liu; \$2,522,404
The goal of this project is to explore proximal mechanisms of the relationship between negative interpersonal events and suicidal thoughts and behaviors.
- 2021–2023 Leveraging computer vision to augment suicide risk prediction
NIMH R21 MH127231
Co-Investigator (Multi-PI: Burke/Serre)
This project aims to utilize computer vision techniques to automate the assessment of self-injury visual severity and to determine the utility of these visual signals in predicting prospective suicide attempt risk.
- 2021–2025 Skills to Enhance Positivity (STEP) for Adolescents at Risk for Suicide
NIMH R01 MH123556
Consultant (Multi-PI: Spirito/Yen)
This treatment study aims to build attention to positive affect and experiences in suicidal adolescents.
- 2022–2024 Multimodal Dynamics of Parent-child Interactions and Suicide Risk
NIMH R21 MH130767
Multi-PI: Liu/Burke; \$330,820
The goals of this project is to examine the dynamics of parent-child stress using automatic sensing of acoustic and visual behaviors as markers of suicide risk in adolescents.
- 2023–2028 Reward Valuation and Suicidal Behavior in High-Risk Adolescents
NIMH R01 MH130364
Co-Investigator (PI: Kujawa)
The goal of this grant is to evaluate reward valuation as a prospective predictor of suicidal behavior in an at-risk youth sample, and to assess interpersonal stress and social support as potential moderators of this association.
- 2024–2027 Improving suicide risk prediction in racial, ethnic, and linguistic minority youth
NIMH P50 MH129699 Project 2
Multi-PI: Liu/Carson; \$598,579
This study aims to develop ML algorithms with EHR data for the prospective prediction of suicide risk for racial, ethnic, and linguistic minority youth within 3 months of inpatient discharge across 2 psychiatric inpatient services, determine the portability of these algorithms across the 2 sites, and evaluate the added predictive value of social determinants of health and computerized adaptive testing data collected as part of standard care.

Training Grants and Mentored Trainee Grants

- 2014–2020 Research training in child mental health
NIMH T32 MH019927
Preceptor

- This program trains PhD and MD post-doctoral fellows to carry out independent research in departments of child and adolescent psychiatry while receiving training in grant writing, data analysis, and design of research studies.
- 2016–2017 Clinical and neuropsychological predictors of prospective adolescent suicide attempts: A computational psychiatry approach
Royce Fellowship Fund
Mentor of Nimesha Gerlus
This study applied computational modelling to measures of neurocognitive functioning and psychiatric symptoms to determine risk for suicide attempts in adolescents.
- 2016–2017 Brown Clinical Psychology Internship Research Grant
Mentor of Stephanie Steele
- 2019–2020 Emotion regulation responses and suicide risk in teens
American Psychological Foundation John and Polly Sparks Foundation Early Career Grant
Mentor of Alexandra Bettis
This study uses an ambulatory measure of emotion regulation strategies to predict suicidal ideation in at-risk adolescents.
- 2019–2020 Emotion regulation in parents of at-risk adolescents
Brown University Department Clinical Research Award
Mentor of Alexandra Bettis
This grant aims to evaluate the role of parents' emotion regulation abilities in risk for suicidal thoughts and behaviors in clinically acute adolescents.
- 2019–2022 Leveraging mobile health (mHealth) technologies to predict adolescent risky behavior
National Science Foundation Graduate Research Fellowship Program
Mentor of Rachel Walsh
This grant adopts ambulatory assessments of sleep and neurocognitive indices of impulsivity to predict short-term risk for risk-taking behaviors in adolescents.
- 2020–2022 How does rumination alter learning and choice mechanisms in reinforcement learning
NCE
NIMH F32 MH123055
- 2022–2023 Co-mentor of Peter Hitchcock
The project seeks to assess whether rumination impairs reinforcement learning through compromised working memory and cognitive control. It also investigates the effect of rumination on choice behavior.
- 2020–2023 Temporal dynamics of acute stress and impulsivity as prospective predictors of risky behaviors in adults
National Science Foundation Graduate Research Fellowship Program
Ana Sheehan
The project will employ ambulatory assessments of physiological and behavioral changes associated risk-taking behavior.
- 2020–2023 Using tDCS to clarify the neural underpinnings of binge-eating behaviors in obese teens
National Science Foundation Graduate Research Fellowship Program
Mentor of Christina Sanzari
This grant aims to apply tDCS to interrogate the neural circuitry underlying binge-eating tendencies in obese adolescents.
- 2021–2023 Understanding suicide risk in adolescents: The unique role of imagery
NCE
American Foundation for Suicide Prevention PDF-0-095-19
- 2023–2024 Mentor of Hannah Lawrence

The goal of this project is to evaluate whether suicidal imagery and psychophysiological responses to positive and negative imagery predict suicidal events in clinically acute adolescents.

- 2021-2025 Emotion regulation flexibility and suicide risk
NIMH K23 MH122737
Mentor of Alexandra Bettis
This project employs ambulatory and psychophysiological measures to assess real-time emotion regulation in response to interpersonal stressors and prospectively occurring suicidal thoughts and behaviors.
- 2021-2026 Passive assessment of behavioral warning signs for suicide risk in adolescents: An idiographic approach
NIMH K23 MH126168 (funded on first submission)
Mentor of Taylor Burke
This project seeks to assess at the individual-level when adolescents are at risk for engaging in suicidal behavior, using passive sensing technologies to assess candidate proximal indicators of risk, including social engagement, sleep, and physical activity.
- 2021–2023 Evaluating the predictive validity of computational markers of self-injury severity among high-risk youth
NCE
2023-2024 American Foundation for Suicide Prevention YIG-1-030-20
Mentor of Taylor Burke
The aim of this project is to evaluate whether machine learning could be applied accurately to predict prospective suicidal behavior in clinically acute adolescents based on physical indices of past self-injury.
- 2021–2023 The longitudinal and proximal roles of rejection and rejection sensitivity in suicidality and non-suicidal self-injury among sexual minority adolescents
NIMH F32 MH127795 (funded on first submission)
Mentor of Jennifer Poon
This project seeks to evaluate the role of rejection sensitivity in risk for suicidal and non-suicidal self-injury among sexual minority adolescents.
- 2022– Stuart T. Hauser Research Training Program in Biological and Social Psychiatry
NIMH T32 MH016259 (PI: Shenton)
Preceptor
This program trains MDs and PhDs to develop independent research careers in biological and/or social psychiatry through training in grant writing and professional development.
- 2022– Translational Neuroscience Training for Clinicians
NIMH T32 MH112485 (MPI: Roffman/Buckner)
Preceptor
This program provides training to become independent researchers in translational neuroscience.
- 2022– Training Program in Comparative Effectiveness Research for Suicide Prevention
NIMH T32 MH125815 (MPI: Hernan/Nock/Wang)
Preceptor
This program provides training to doctoral students, clinical psychologist, psychiatrist, and psychiatric epidemiologists in comparative effectiveness research aimed at reducing suicide and related outcomes.
- 2022–2023 Talking with adolescents about COVID-19: The role of parental emotion socialization in youth anxiety during the pandemic

American Psychological Foundation Drs. Rosalee G. and Raymond A. Weiss Research and Program Innovation Grant

Mentor of Madelaine Abel

The objectives of this project are to evaluate parent-child emotion socialization and daily life stress in relation to prospectively occurring daily anxiety in youth.

- 2022–2024 Examining the interplay of negative social experiences and self-criticism on suicide risk in the lab and daily life
NIMH F32 MH131285 (funded on first submission)
Mentor of Lauren Haliczzer
This project will assess how the interrelationship between social stressors and self-criticism are associated with suicide risk in an acute inpatient sample.
- 2022–2025 Identifying physiological and behavioral indices of risk for negative outcomes in preadolescents following trauma exposure
National Science Foundation Graduate Research Fellowship Program
Mentor of Rachel Levin
This project aims to apply ambulatory assessments of sleep and physiological reactivity in predicting negative behavioral outcomes in preadolescent children following exposure to traumatic events.
- 2023–2025 Neural reward and threat processing in high-risk adolescents with and without suicidal behavior
Brain and Behavior Research Foundation Young Investigator Grant
Mentor of Autumn Kujawa
This project will evaluate the role of reward valuation and threat processing in risk for prospective suicidal behavior in adolescents.
- 2023–2024 LabFront Undergraduate Grant
Mentor of Megan Chen
This project will evaluate biobehavioral indices of emotion dysregulation in adolescents during their psychiatric inpatient stay as predictors of depressive symptom trajectory and resolution after discharge.
- 2024–2029 The role of inflammation in cognitive dysfunction in acute depression as determined by experimental inhibition of tumor necrosis factor-alpha signaling in a randomized controlled trial
NIMH K23 MH132893
Mentor of Naoise Mac Giollabhui
This mechanistic randomized controlled trial integrates advances in cognitive neuroscience to determine whether inhibition of tumor necrosis factor signaling via intravenous infusion of infliximab improves psychomotor speed and executive function in depressed individuals with an inflammatory phenotype.

Report of Local Teaching and Training

Teaching of Students in Courses:

2008	Introduction to psychology as a social science Undergraduate students	Temple University 9 hours/week for 8 weeks
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Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

2019	Ethics: Minors in research T32 post-doctoral fellows	Brown University 1 hour/year
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Research Supervisory and Training Responsibilities:

2014–2020	Supervision of research assistants (3 research assistants per year)	Brown University 1 hour lab meeting/week; 1:1 supervision 2 hours/month/research assistant
2018–2020	Supervision of pre-doctoral interns and post-doctoral research fellows (2-3 interns or fellows per year)	Brown University 1 hour lab meeting/week; 1:1 supervision 1 hour/week/intern or fellow
2019–2021	Supervision of junior faculty (1 junior faculty)	Brown University 1:1 supervision 2 hours/month/junior faculty
2020–	Supervision of post-doctoral research fellows (2 fellow per year)	Brown University 1:1 supervision 1 hour/week/fellow
2020–2022	Supervision of post-doctoral research fellow (1 fellow per year)	McLean Hospital 1 hour lab meeting/week; 1:1 supervision 1 hour/week/fellow
2020–	Supervision of early career faculty (2 early career faculty)	Vanderbilt University Medical Center 1:1 supervision 2 hours/month/early career faculty
2020–	Supervision of research assistants (5-6 research assistants per year)	Massachusetts General Hospital 1 hour lab meeting/week; 1:1 supervision .5 hour/month/research assistant
2021–	Supervision of pre-doctoral interns (2-3 interns per year)	Massachusetts General Hospital 1:1 supervision 1 hour/week/intern
2021–	Supervision of early career faculty (1 early career faculty)	Massachusetts General Hospital 1:1 supervision 1 hour/week/early career faculty
2021–2022	Supervision of high school students (2 students per year)	Massachusetts General Hospital 1:1 supervision .5 hour/week/student
2022–	Supervision of post-doctoral research fellows (1 fellow per year)	Massachusetts General Hospital 1:1 supervision .5 hour/week/fellow
2022–2023	Supervision of MPH student (1 student per year)	Massachusetts General Hospital 1:1 supervision 1 hour/month/student

Formally Mentored Harvard Students (Medical, Dental, Graduate, and Undergraduate):

2022–2023	Julie Lee, MD, Harvard MPH student
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First-authored paper of mentored research with invited resubmission at *Journal of Affective Disorders*.

Other Mentored Trainees and Faculty:

- 2008–2010 Rebecca Mastin, MPH / Program Manager at AccessMatters.org
Career stage: undergraduate. Mentoring role: honors thesis advisor.
Accomplishments: psychology honors thesis, co-authored publication of mentored research.
- 2012–2015 Maya Massing-Schaffer, PhD / Doctorate in clinical psychology, University of North Carolina – Chapel Hill
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: first-authored paper on mentored research in *Personality and Individual Differences*.
- 2014–2015 Christine Cha, PhD / Associate Professor, Columbia University
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Accomplishments: co-authored publication of mentored research.
- 2014–
2014–2016 Shayna Cheek, PhD / Post-doctoral research fellow, Duke University
Career stage: research assistant. Mentoring role: mentor.
2022– Career stage: post-doctoral fellow. Mentoring role: co-mentor.
Accomplishments: first-authored papers of mentored research in *Depression and Anxiety*, *Journal of Affective Disorders*, and *Journal of Abnormal Child Psychology*.
- 2014–2016 Bridget Nestor, PhD / Doctorate in clinical psychology, Vanderbilt University
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: first-authored paper on mentored research in *Journal of Affective Disorders*.
- 2015–2017 Zoë Trout, BA / Doctoral student in clinical psychology, Baylor University
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: first-authored paper on mentored research in *Journal of Psychiatric Research*.
- 2015–2017 Evelyn Hernandez, BA / Doctoral student in clinical psychology, University of Rhode Island
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: first-authored paper on mentored research in *Child Abuse & Neglect*.
- 2016–2017 Nimesha Gerlus, ScB / MD, PhD student, Duke University School of Medicine
Career stage: undergraduate student. Mentoring role: honors thesis advisor.
Accomplishments: Royce Fellowship, psychology honors thesis, departmental prize for best honors thesis, co-authored papers in *Neuroscience and Biobehavioral Reviews* and *Clinical Psychology Review*.
- 2016–2017 Stephanie Steele, PhD / Assistant Professor, Smith College
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Accomplishments: 1 grant; co-authored paper in *Clinical Psychology Review*.
- 2016–2018 Katie Scopelliti, PsyD / Doctorate in clinical psychology, George Washington University
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: co-authored paper in *Lancet Psychiatry*.

- 2017–2019 Ana Sheehan, MA / Doctoral student in clinical psychology, University of Delaware
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: National Science Foundation grant and first-authored papers on mentored research in *Journal of Psychiatric Research* and *Journal of Epidemiology & Community Health*.
- 2017–2019 Rachel Walsh, MA / Doctoral student in clinical psychology, Temple University
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: National Science Foundation grant and first-authored papers of mentored research in *Depression and Anxiety* and *Journal of Psychiatric Research*.
- 2018–2020 Christina Sanzari, BA / Doctoral student in clinical psychology, University at Albany
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: National Science Foundation grant and first-authored papers of mentored research in *Psychological Medicine*, and *Journal of Adolescent Health*.
- 2018–2020 Haley Amann / Undergraduate student, Wake Forest University
Career stage: high school student. Mentoring role: research mentor.
Accomplishments: award for mentored research presented at high school fair and symposia.
- 2018–
2018–2020
2020–
Alexandra Bettis, PhD / Assistant Professor, Vanderbilt University School of Medicine
Career stage: post-doctoral fellow. Mentoring role: mentor.
Career stage: Assistant Professor. Mentoring role: faculty mentor.
Accomplishments: 4 grants including K23, 2 research awards, first-authored papers of mentored research in *JAMA Pediatrics* and *Clinical Psychological Science*.
- 2018–
2018–2019
2019–2021
2021–
Taylor Burke, PhD / Assistant Professor, Harvard Medical School
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Career stage: post-doctoral fellow. Mentoring role: mentor.
Career stage: Assistant Professor. Mentoring role: faculty mentor.
Accomplishments: 4 grants including K23 funded on first submission, 2 R21s, and American Foundation for Suicide Prevention Young Investigator Grant; first-authored papers of mentored research in *Pediatrics* and *Suicide and Life-Threatening Behavior*; 1 research award.
- 2019–2024
2019–2020
2020–2022
2022–2024
Hannah Lawrence, PhD / Assistant Professor, Oregon State University
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Career stage: post-doctoral fellow. Mentoring role: mentor.
Career stage: Assistant Professor. Mentoring role: faculty mentor.
Accomplishments: 3 grants including American Foundation for Suicide Prevention Post-doctoral Grant; first-authored papers on mentored research in *Translational Psychiatry* and *Clinical Psychology Review*; 1 research award.
- 2019–2020 Carly Maitlin, BA / Research assistant, Columbia University
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: award for first-authored poster of mentored research at the Association for Behavioral and Cognitive Therapies; co-authored paper in *Suicide and Life-Threatening Behavior*.
- 2019–2021 William Lewis-de los Angeles, MD / Assistant Professor, Brown University
Career stage: Assistant Professor. Mentoring role: research mentor.
Accomplishments: first-authored paper on mentored research in *Psychosomatic Medicine*.
- 2019–2022 Rachel Levin, BA / Doctoral student in clinical psychology, University of Rochester
Career stage: research assistant. Mentoring role: mentor.

- Accomplishments: National Science Foundation grant and first-authored paper on mentored research in *Journal of Affective Disorders*.
- 2019–2023 Jennifer Poon, PhD / Assistant Professor, University of Alaska Anchorage
Career stage: post-doctoral fellow. Mentoring role: mentor.
Accomplishments: F32 funded on first submission; first-authored paper on mentored research in *Research on Child and Adolescent Psychopathology*.
- 2020–2023 Peter Hitchcock, PhD / Assistant Professor, Emory University
Career stage: post-doctoral fellow. Mentoring role: co-mentor.
Accomplishments: F32 funded.
- 2020–2022 Anna Workman, BA / Doctoral student in clinical psychology, City College of New York
Career stage: research Assistant. Mentoring role: mentor.
Accomplishments: first-authored posters of mentored research presented at Journal of Clinical Child and Adolescent Psychology Future Directions Forum and the Association for Behavioral and Cognitive Therapies.
- 2020– Margarid Turnamian, BA / Research assistant, Massachusetts General Hospital
Career stage: research Assistant. Mentoring role: mentor.
Accomplishments: first-authored paper of mentored research in *Journal of Affective Disorders*; award for poster at the Association for Behavioral and Cognitive Therapies; Mary “Kay” Ryan Award for excellence in clinical research.
- 2021–2022 Madelaine Abel, PhD / Post-doctoral fellow, Massachusetts General Hospital
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Accomplishments: American Psychological Foundation Weiss Grant.
- 2021–2022 Adrianna Crossing, PhD / Assistant Professor, Northeastern University
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Accomplishments: obtained faculty position upon completion of internship.
- 2021–
2021–2022
2022– Naoise Mac Giollabhui, PhD / Post-doctoral fellow, Massachusetts General Hospital
Career stage: pre-doctoral intern. Mentoring role: research mentor.
Career stage: post-doctoral fellow. Mentoring role: mentor.
Accomplishments: 3 grants including K23
- 2021–2023 Sunday Hull, BA / Doctoral student in clinical psychology, Old Dominion University
Career stage: research assistant. Mentoring role: research mentor.
Accomplishments: first-authored posters of mentored research presented at the Association for Behavioral and Cognitive Therapies.
- 2021–2022 Eva Kuzyk, BS / Research assistant, Boston University CTE Center
Career stage: research assistant. Mentoring role: mentor.
Accomplishments: first-author poster of mentored research presented at the Association of Behavioral and Cognitive Therapies; co-authored paper in *Journal of Affective Disorders*.
- 2021–2023 Julianne Origlio, BS / Doctoral student in clinical psychology, Case Western Reserve University
Career stage: research assistant. Mentoring role: research mentor.
Accomplishments: award for mentored research poster presented at the Anxiety and Depression Association of America Conference.
- 2021 Mirabel Bok / Undergraduate student, Fordham University
Career stage: high school student. Mentoring role: research mentor.
Accomplishments: Placed first in regional high school symposium.

- 2021–2022 Natasha Kulviwat / Undergraduate student, Harvard University
 Career stage: high school student. Mentoring role: research mentor.
 Accomplishments: Mentored research featured in National Geographic, Disney+, and LA Times; award from the American Psychological Association for mentored research presented at high school fair; first-author poster of mentored research presented at the Association of Behavioral and Cognitive Therapies.
- 2022– Autumn Kujawa, PhD / Associate Professor, Vanderbilt University
 Career stage: Assistant Professor. Mentoring role: faculty mentor.
 Accomplishments: Awarded 2 grants including R01 and Brain and Behavior Research Foundation Young Investigator Grant.
- 2022– Lauren Haliczzer, PhD / Post-doctoral fellow, Massachusetts General Hospital
 Career stage: post-doctoral fellow. Mentoring role: mentor.
 Accomplishments: F32 funded on first submission.
- 2022–2023 Jesús Hernández Ortiz, MA / Doctoral student in clinical psychology, George Mason University
 Career stage: research assistant. Mentoring role: mentor.
 Accomplishments: AIM-AHEAD Research Fellowship Award; first-author poster of mentored research presented at the Association of Behavioral and Cognitive Therapies
- 2022–2024 Megan Chen / Undergraduate student, New York University
 Career stage: undergraduate student. Mentoring role: research mentor.
 Accomplishments: extramural grant funded.

Formal Teaching of Peers (e.g., CME and other continuing education courses):

- No presentations below were sponsored by 3rd parties/outside entities*
 Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

2018	Suicide assessment in adolescents Bradley Hospital	Two two-hour workshops Providence, RI
2019	Understanding risk for non-suicidal self-injury Bradley Hospital	Single presentation Providence, RI

Local Invited Presentations:

- No presentations below were sponsored by 3rd parties/outside entities*
 Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

2011	Depression, stress, and cognition: Research and clinical implications (Grand Rounds) University of Illinois-Chicago
2013	Life stress, impulsivity, and adolescent suicidal behavior / Lunchtime speaker series Bradley Hospital
2017	Suicide and psychopathology / Lunchtime speaker series

- Bradley Hospital
- 2021 Suicide prevention / Child and Adolescent Psychopharmacology
Massachusetts General Hospital
- 2022 Toward precision in predicting short-term risk for suicidal behavior in adolescents /
Suicide Think Tank
Massachusetts General Hospital
- 2023 Michael S. Jellinek, M.D., Lecture in Child Psychiatry
Massachusetts General Hospital

Report of Regional, National and International Invited Teaching and Presentations

- No presentations below were sponsored by 3rd parties/outside entities*
- Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.*

Regional

- 2018 Characterizing short-term risk factors for suicidal behavior in adolescents
(invited presentation)
McLean Hospital
Belmont, MA
- 2018 Neurocognitive processes underlying suicide in youth (invited presentation)
Yale School of Medicine
New Haven, CT
- 2019 Understanding teen suicide (Grand Rounds)
Boston Children’s Hospital
Boston, MA
- 2021 Epidemiology of youth suicide (Grand Rounds)
Cooley Dickinson Hospital
Northampton, MA
- 2024 Suicide in youth: Prevalence and prevention (invited presentation)
Launch2Life

National

- 2009 Maltreatment experiences in relation to the onset and course of depression
(selected oral abstract)
Association for Behavioral and Cognitive Therapies annual meeting
New York, NY
- 2011 A test of vulnerability-specific stress generation (invited presentation)
Binghamton University
Binghamton, NY
- 2012 Childhood abuse and self-generated life stress: The mediational effect of depressogenic
cognitive styles (selected oral abstract)
Association for Behavioral and Cognitive Therapies annual meeting

National Harbor, MD

- 2014 The hopelessness theory turns 25: Current status and future directions (co-chair of selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
Philadelphia, PA
- 2017 Prospective prediction of first lifetime suicide attempts in a multi-site study of substance users (selected oral abstract)
Anxiety and Depression Association of America annual meeting
San Francisco, CA
- 2017 Assessing and modeling stress processes in suicide and depression (chair of selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
San Diego, CA
- 2017 Suicidal behavior and the prospective occurrence of negative life events (selected oral abstract)
Association for Behavioral and Cognitive Therapies annual meeting
San Diego, CA
- 2018 Mechanisms of risk for suicide in teens (invited presentation)
University of Pennsylvania
Philadelphia, PA
- 2019 Non-suicidal self-injury among sexual and gender minority youth (invited presentation)
Chapel Hill Conference on Depression, Bipolar Disorder, and Suicidality
Chapel Hill, NC
- 2019 Advancing the prediction of suicidal behavior in teens (invited presentation)
University of California-Los Angeles
Los Angeles, CA
- 2019 Technological advances in the study of suicidal thoughts and behaviors in youth (invited presentation)
Stanford University
Palo Alto, CA
- 2019 Youth suicide: The roles of stress and cognitive factors (invited presentation)
University of Chicago
Chicago, IL
- 2019 Suicidality in underrepresented populations (invited discussant in selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
Atlanta, GA
- 2020 Methodological considerations for studying self-harm among sexual and gender minority youth (invited panelist)
Youth Suicide Research Consortium Conference
- 2020 New directions in clarifying the role of substance use in suicide risk (invited discussant in selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
- 2020 Temporal trends in suicidal thoughts and behaviors among LGB and heterosexual youth (selected oral abstract)

- Association for Behavioral and Cognitive Therapies annual meeting
- 2021 Stress, sleep, neurocognition, and suicide in preadolescent children: An overview of the research literature (invited presentation)
National Institute of Mental Health Research Roundtable
Bethesda, MD
- 2021 Prevention and treatment of youth suicide (invited presentation)
Santa Barbara County Psychological Association
Santa Barbara, CA
- 2022 Suicide prevention in youth (Grand Rounds)
University of California – San Francisco
San Francisco, CA
- 2023 Suicide and non-suicidal self-injury in preadolescent children: A meta-analysis (selected oral abstract)
Society for Research in Child Development biennial meeting
Salt Lake City, UT
- 2023 Negative interpersonal life events and proximal associations with passive and active suicidal ideation in psychiatrically acute adolescents: A 28-day ecological momentary assessment study (selected oral abstract)
Association for Behavioral and Cognitive Therapies annual meeting
- 2023 Using real-time, objective, and performance-based methods to advance understanding of interpersonal risk factors for suicidal thoughts and behaviors (invited discussant in selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
- 2023 Patterns of inequity in mental health care: Trends and correlates of mental health treatment utilization among minoritized individuals at risk for suicide (invited discussant in selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
- 2023 Understanding cognitive and affective processes in adolescents at high risk for suicide during clinical transition periods (invited discussant in selected oral symposium)
Association for Behavioral and Cognitive Therapies annual meeting
- 2024 Our evolving understanding of cognitive dysfunction in depression: A discussion on its etiology and underlying mechanisms as well as novel assessment techniques and treatment options being developed (invited roundtable panelist) Anxiety and Depression Association of America annual meeting
- 2024 Novel developments in the treatment of suicidal thoughts and behaviors in clinical populations (chair of selected oral symposium) Anxiety and Depression Association of America annual meeting

International

- 2015 Substance use and suicidality: Specificity of substance use by injection to suicide attempts in an epidemiological sample (selected oral abstract)
IASR/AFSP International Summit on Suicide Research
New York, NY

- 2015 Life stress, impulsivity, reward sensitivity, and suicidal behavior in adolescents (selected oral abstract)
IASR/AFSP International Summit on Suicide Research
New York, NY
- 2017 Comparing recent advances in endophenotypic, developmental, and network perspectives on depression: Is an integrated theory of depression possible? (co-chair of selected oral symposium)
International Convention of Psychological Science
Vienna, Austria
- 2017 A developmentally informed perspective on the relationship between stress and depression: When the problem with stress is that there is not enough (selected oral abstract)
International Convention of Psychological Science
Vienna, Austria
- 2017 Childhood abuse and interpersonal stress generation: Mediation by maladaptive interpersonal styles (selected oral abstract)
European Congress of Psychology
Amsterdam, Netherlands
- 2017 Suicidal behavior and stress generation in adolescent psychiatric inpatients: A contextual threat approach (selected oral abstract)
IASR/AFSP International Summit on Suicide Research
Henderson, NV
- 2018 Clinical psychology and hormesis: A developmental perspective (invited presentation)
International Dose Response Society annual meeting
Amherst, MA
- 2019 Cognitive and interpersonal processes of risk for suicide in adolescence and emerging adulthood (chair of selected oral symposium)
IASR/AFSP International Summit on Suicide Research
Miami, FL
- 2021 Preadolescent suicidal and non-suicidal self-injury: Emerging insights on prevalence and markers of risk (chair of selected oral symposium)
IASR/AFSP International Summit on Suicide Research
- 2021 Suicide and non-suicidal self-injury in preadolescent children (selected oral abstract)
IASR/AFSP International Summit on Suicide Research
- 2022 Suicide and non-suicidal self-injury in young children (invited presentation)
Henan University
Henan, China
- 2023 Suicide in youth: Prevalence and prevention (invited keynote address)
Miami International Child and Adolescent Mental Health Conference
Miami, FL
- 2023 Prevalence and correlates of suicide and self-injury in children (invited presentation)
IASR/AFSP International Summit on Suicide Research
Barcelona, Spain

Report of Clinical Activities and Innovations

Past and Current Licensure and Board Certification:

2014–2022 Licensed Psychologist, Rhode Island (#PS01457)
2021– Licensed Psychologist, Massachusetts (#11436)

Recognition:

2015	Publicity of 2010 <i>Child Abuse & Neglect</i> paper on childhood abuse and BDNF in risk for bipolar disorder.	Huffington Post
2017, 2021	Publicity of 2013 <i>Archives of Sexual Behavior</i> paper on suicide risk among LGBT youth	Washington Post
2018	Publicity of 2018 <i>Lancet Psychiatry</i> paper on childhood maltreatment and non-suicidal self-injury	Medscape
2018, 2019, 2020, 2021	Publicity of 2013 <i>Journal of Affective Disorders</i> paper on social support and suicide	New York Times, NPR, U.S. News & World Report, Vox
2019	Publicity of 2019 <i>JAMA Pediatrics</i> paper on disparities in non-suicidal self-injury among sexual minority youth	Boston Globe, U.S. News & World Report, WebMD
2019	Publicity of 2019 <i>JAMA Pediatrics</i> paper on trends in depressed mood among sexual minority youth	U.S. News & World Report
2020	Publicity of 2014 <i>Clinical Psychology Review</i> paper on life stress and suicide	New York Times
2020	Publicity of 2020 <i>Pediatrics</i> paper on suicidal thoughts and behavior in sexual minority and heterosexual youth	Daily Mail, Medscape, NBC News, Reuters, U.S. News & World Report
2021	Publicity of 2012 <i>American Journal of Preventive Medicine</i> paper on suicidal ideation and self-harm in LGBT youth	Washington Post
2022	Publicity of 2021 <i>Translational Psychiatry</i> paper on suicidal thoughts and behavior in preadolescent children	Newsweek, Wall Street Journal
2022	Publicity of 2022 <i>JAMA Psychiatry</i> paper on self-injurious thoughts and behaviors in preadolescent children	Boston Herald
2023	Citation of 2020 <i>Clinical Psychology Review</i> paper on longitudinal associations between sleep disturbance and suicide	U.S. Surgeon General advisory on social media and youth mental health

Report of Scholarship

ORCID iD: <https://orcid.org/0000-0002-1367-9716>

Peer-Reviewed Scholarship in print or other media:

Research Investigations

*indicates co-first or co-senior authorship **indicates student/trainee

1. Alloy LB, Abramson, LY, Flynn M, **Liu RT**, Grant DA, Jager-Hyman S, Whitehouse WG. Self-focused cognitive styles and bipolar spectrum disorders: Concurrent and prospective associations. *International Journal of Cognitive Therapy*. 2009 2:354-372. [doi:10.1521/ijct.2009.2.4.354](https://doi.org/10.1521/ijct.2009.2.4.354)
2. **Liu RT**, Alloy LB, Abramson LY, Iacoviello BM, Whitehouse WG. Emotional maltreatment and depression: Prospective prediction of depressive episodes. *Depression and Anxiety*. 2009 26:174-181. [doi:10.1002/da.20545](https://doi.org/10.1002/da.20545)
3. Alloy LB, **Liu RT**, Bender RE. Stress generation research in depression: A commentary. *International Journal of Cognitive Therapy*. 2010 3:379-387. [doi:10.1521/ijct.2010.3.4.380](https://doi.org/10.1521/ijct.2010.3.4.380)
4. Giorgio JM, Sanflippo J, Kleiman E, Reilly D, Bender RE, Wagner C, **Liu RT**, Alloy LB. An experiential avoidance conceptualization of depressive rumination: Three tests of the model. *Behaviour Research and Therapy*. 2010 48:1021-1031. [doi:10.1016/j.brat.2010.07.004](https://doi.org/10.1016/j.brat.2010.07.004)
5. **Liu RT**. Early life stressors and genetic influences on the development of bipolar disorder: The roles of childhood abuse and brain-derived neurotrophic factor. *Child Abuse Neglect*. 2010 34:516-522. [doi:10.1016/j.chiabu.2009.10.009](https://doi.org/10.1016/j.chiabu.2009.10.009)
6. **Liu RT**, Alloy LB. Stress generation in depression: A systematic review of the empirical literature and recommendations for future study. *Clinical Psychology Review*. 2010 30:582-593. [doi:10.1016/j.cpr.2010.04.010](https://doi.org/10.1016/j.cpr.2010.04.010)
7. Alloy LB, Bender RE, Whitehouse WG, Wagner CA, **Liu RT**, Grant DA, Jager-Hyman S, Molz A, Choi JY, Harmon-Jones E, Abramson LY. High Behavioral Approach System (BAS) sensitivity and reward responsiveness predict first onset of bipolar spectrum disorders: A prospective behavioral high-risk design. *Journal of Abnormal Psychology*. 2012 121:16-27. [doi:10.1037/a0025877](https://doi.org/10.1037/a0025877)
8. **Liu RT**, Jager-Hyman S, Wagner CA, Alloy LB, Gibb BE. Number of childhood abuse perpetrators and the occurrence of depressive episodes in adulthood. *Child Abuse Neglect*. 2012 36:323-332. [doi:10.1016/j.chiabu.2011.11.007](https://doi.org/10.1016/j.chiabu.2011.11.007)
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10. **Liu RT**, Mustanski B. Suicidal ideation and self-harm in lesbian, gay, bisexual, and transgender youth. *American Journal of Preventive Medicine*. 2012 42:221-228. [doi:10.1016/j.amepre.2011.10.023](https://doi.org/10.1016/j.amepre.2011.10.023)

11. **Liu RT**, Vassileva J, Gonzalez R, Martin EM. A comparison of delay discounting among substance users with and without suicide attempt history. *Psychology of Addictive Behaviors*. 2012 26:980-985. [doi:10.1037/a0027384](https://doi.org/10.1037/a0027384)
12. Kleiman EM, **Liu RT**. Social support as a protective factor in suicide: Findings from two nationally representative samples. *Journal of Affective Disorders*. 2013 150:540-545. [doi:10.1016/j.jad.2013.01.033](https://doi.org/10.1016/j.jad.2013.01.033)
13. Kleiman EM, **Liu RT**, Riskind JH. Enhancing attributional style as a resiliency factor in depressogenic stress generation. *Anxiety, Stress, Coping*. 2013 26:467-474. [doi:10.1080/10615806.2012.684381](https://doi.org/10.1080/10615806.2012.684381)
14. **Liu RT**. Stress generation: Future directions and clinical implications. *Clinical Psychology Review*. 2013 33:406-416. doi:[10.1016/j.cpr.2013.01.005](https://doi.org/10.1016/j.cpr.2013.01.005)
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16. **Liu RT**, Kraines MA, Puzia ME, **Massing-Schaffer M, Kleiman EM. Sociodemographic predictors of suicide means in a population-based surveillance system: Findings from the National Violent Death Reporting System. *Journal of Affective Disorders*. 2013 151:449-454. [doi:10.1016/j.jad.2013.06.023](https://doi.org/10.1016/j.jad.2013.06.023)
17. Mustanski B, **Liu RT**. A longitudinal study of predictors of suicide attempts among lesbian, gay, bisexual, and transgender youth. *Archives of Sexual Behavior*. 2013 42:437-448. [doi:10.1007/s10508-012-0013-9](https://doi.org/10.1007/s10508-012-0013-9)
18. Shapero BG, Hamilton JL, **Liu RT**, Abramson LY, Alloy LB. Internalizing symptoms and rumination: The prospective prediction of familial and peer emotional victimization experiences during adolescence. *Journal of Adolescence*. 2013 36:1067-1076. [doi:10.1016/j.adolescence.2013.08.011](https://doi.org/10.1016/j.adolescence.2013.08.011)
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20. Kleiman EM, **Liu RT**. Prospective prediction of suicide in a nationally representative sample: Religious service attendance as a protective factor. *British Journal of Psychiatry*. 2014 204:262-266. [doi:bjp.bp.113.128900](https://doi.org/10.1136/bjp.2013.128900)
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 - Yates SC, Arya D. Nothing in between: a multi-faith response to the paper on religion and suicide. *British Journal of Psychiatry*. 2014 205:163.

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28. Shapero BG, Black SK, **Liu RT**, Klugman J, Bender RE, Abramson LY, Alloy LB. Stressful life events and depression symptoms: The effect of childhood emotional abuse on stress reactivity. *Journal of Clinical Psychology*. 2014 70:209-223. [doi:10.1002/jclp.22011](https://doi.org/10.1002/jclp.22011)
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Thesis:

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Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings:

**indicates student/trainee

1. **Workman ARC, **Liu RT.** Bullying, Social Support, and Internalizing Psychopathology in a population-representative sample of Asian ethnic groups. Poster presented at the annual meeting of the JCCAP Future Directions Forum, 2021.
2. **Workman ARC, **Liu RT.** Association between experiences of racial victimization by peers and anxiety symptoms among Asian ethnic groups. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November, 2021.
3. **Origlio J, **Liu RT.** Longitudinal Associations Between Interpersonal Life Stressors and Suicidal Ideation in a Psychiatric Inpatient Sample of Sexual Minority Youth. Anxiety and Depression Association of America Conference, March, 2022.
4. **Kulviwat N, **Lawrence HR, **Liu RT.** Neurocognitive Task Performance: Predictors of Short-term Adolescent Suicide Ideation. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November, 2022.
5. Osborne T, Gratch I, *Cha CB, ***Liu RT.** Examining thematic content of future-oriented thoughts in clinically acute adolescents: A longitudinal investigation predicting suicidal ideation and attempt after hospital discharge. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November, 2022.
6. **Lawrence HR, **Turnamian MR, **Burke TA, **Liu RT.** Suicidal mental imagery in adolescence: Prevalence and associations with risk for suicidal behavior. Selected oral abstract presented at the annual meeting of the Anxiety and Depression Association of American, April, 2023.
7. **Cetinkaya D, **DeCaro S, Kleiman EM, **Liu RT.** A multi-method assessment of emotional processes in relation to anxiety symptom trajectories post-discharge in psychiatrically hospitalized youth. Poster selected for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2023.
8. **DeCaro S, **Cetinkaya D, Kleiman EM, **Liu RT.** Multi-method evaluation of emotion recognition, emotion reactivity, and emotion regulation as prospective predictors of 12-month NSSI trajectories in an adolescent clinical sample. Poster selected for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2023.

9. **Haliczer LA, Kleiman EM, **Liu RT**. The role of emotion processing in trajectories of suicidal ideation among adolescents following discharge from psychiatric hospitalization. Selected oral abstract for presentation at the IASR/AFSP International Summit on Suicide Research, October 2023.
10. López Jr. R, **Liu RT**. Proxies of acquired capability as predictors of recurrent suicide attempts among high-risk adolescents: An 18-month investigation. Poster selected for presentation at the IASR/AFSP International Summit on Suicide Research, October 2023.
11. López Jr. R, **Liu RT**. Relations between negative urgency, interpersonal problems, and non-suicidal self-injury: An 18-month investigation with high-risk youth. Selected oral abstract for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2023.
12. **Lord KM, **Liu RT**. The interaction between sexual orientation and adverse childhood experiences in relation to depression. Poster selected for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2023.
13. ** Turnamian MR, **Liu RT** Gender identity and expression in relation to experiences of cyberbullying in racial and ethnic minority youth: A population-based study. Poster selected for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, November 2023.

Narrative Report

Introduction

I am a clinical psychologist specializing in self-injurious thoughts and behaviors (SITBs) and depression in childhood and emerging adulthood. The overarching aim of my research is to characterize dynamic processes of risk underlying onset and recurrence of self-injurious thoughts and behaviors and depression in youth and young adults. The primary focus of my work in this regard is to clarify temporally delimited and state-sensitive risk factors for these outcomes, as such risk factors have translational value as potentially modifiable and causal predictors of short-term risk. I have two major themes in my research that coalesce around this goal: (i) stress processes and (ii) neurocognitive mechanisms of risk. My programmatic work in these areas aims to advance our understanding of SITBs and depression from *who* is at risk to *how* and *when* they are most at risk, thereby directly informing risk assessment strategies and yielding potential targets for clinical intervention. In addition, I aim to characterize risk for SITBs in a high priority, at-risk population, sexual and gender minority youth.

Area of Excellence: Investigation

To characterize the life stress literature, I have conducted systematic reviews of life stress in relation to depression and SITBs (Liu & Alloy, 2010; Liu, 2013; Liu & Miller, 2014; Liu et al., 2016). I have drawn on theories within the developmental and social psychological literatures to articulate an account of how minimal early life stress, when compared to moderate early stress, may lead to greater risk for psychiatric disorders (Liu, 2015), in contrast to the conventional view that life stress shares a monotonic relationship with psychopathology. I have published multiple studies implicating several risk factors for depression in stress generation (Liu et al., 2013; 2014a; 2014b).

Although one of the most robust predictors of suicidal behavior is its past occurrence, it remains uncertain *why* this is the case. Stress generation may be an underlying mechanism. As a first step in this area of research, I received a post-doctoral grant from the American Foundation for Suicide Prevention

and found past suicide attempts prospectively predicted stress generation (Liu & Spirito, 2019). To continue this line of research, I received an R01 to evaluate whether stress generation may mediate the association between past suicide behavior and its future recurrence. As a next step in this line of research, my current RF1 explores multiple indices of stress at a higher temporal resolution and across multiple units of analysis. I am assessing psychosocial stress using ecological momentary assessment, as well as psychophysiological stress and associated sleep disruption using wearable technologies, with the view of modeling short-term risk for suicidal behavior in youth in the weeks post-discharge from psychiatric inpatient care.

Increasingly, my research on potential state-sensitive risk factors has focused on neurocognitive processes relevant to self-harm, with a particular emphasis on neurocognitive indices of impulsivity. Executive functions are the cognitive systems to be first, and most severely, impaired by stress and sleep deprivation, which have each been implicated in suicide risk. Executive function deficits may therefore serve as a front-line, early state-sensitive marker of short-term risk for suicidal behavior. As a first step in this line of research, I am evaluating neurocognitive indices of impulsivity as drivers of stress generation in my first R01. That is, an aim of this grant is to ascertain whether neurocognitive indices of impulsivity may prospectively predict suicidal behavior through the mediating effect of stress generation. As a natural extension of this study, my more recent R01 proposes to assess neurocognitive markers of short-term risk for suicide attempts using a comprehensive neurocognitive battery. It also draws on recent developments in computational psychiatry involving cognitive process models to generate a complex prediction model of short-term cognitive risk. Finally, I have also formulated a conceptual framework of the development of recurrent NSSI, drawing in part on the addiction and cognitive neuroscience literatures (Liu, 2017).

Another focus of my research is to characterize risk for SITBs among sexual and gender minority youth. Most recently, I have published a series of studies in *JAMA Pediatrics* and *Pediatrics* (Bettis & Liu, 2019; Liu, 2019; Liu et al., 2020) demonstrating that disparities in the prevalence of SITBs and depression among LGB youth relative to heterosexual peers have not improved over time, over the previous 23 years in the case of suicidal thoughts and behaviors.

To date, I have published 109 peer-reviewed papers (average journal impact factor [IF] = 7.6), including 43 first-author papers (average IF = 9.8), of which 13 are sole-author works (average IF = 10.1), as well as 32 senior-author papers (average IF = 6.9). Six of my papers (Liu & Alloy, 2010; Liu & Mustanski, 2012; Liu, Scopelliti et al., 2018; Liu et al., 2022; Mustanski & Liu, 2013; Wolff et al., 2019) have been in the top 1% most cited papers in their fields based on year of publication, and a seventh (Liu, Walsh & Sheehan, 2019) has been in the top 0.1% most cited papers in the field of neuroscience based on year of publication. Starting with a New Investigator R01 awarded during my post-doctoral fellowship in 2014, my research has been continuously supported with NIMH funding. I have served as PI on 4 R01s/RF1s, and 2 R21s. I have received invitations to serve as a member of several expert panels, including 2 convened by the NIMH; to contribute with leading researchers in the study of child adversity to a special issue in a leading journal in clinical psychology; to serve as a member of 6 editorial boards; to serve on 4 DSMBs; to serve as a guest editor of a special section on minority experiences, stress, resilience and mental health in the *Journal of Psychopathology and Clinical Science*; to be a discussant in national conference symposia; and to present my work internationally.

Teaching

I am deeply committed to providing mentorship to individuals across various levels of training, from high school students to junior faculty. I provide research mentorship to research assistants, medical students, interns, post-doctoral fellows, and junior faculty. I currently serve on the training committees of the clinical psychology internship program at Massachusetts General Hospital and three T32s. Previously at Brown University, I served on the Child Track Clinical Psychology Internship Training Committee,

the Child Mental Health T32 training committee, the Brown Diversity Mentorship Program, and the Pediatrics Department Academic Career Mentoring Program. I have also served as a mentor in the Society of Clinical Child and Adolescent Psychology Student Mentorship Program. Since 2014, I have mentored 12 post-baccalaureate research assistants in my lab, who collectively have produced 12 first-author papers, including in such journals as *Psychological Medicine*, and *Depression and Anxiety*, been awarded 4 NSF grants, and enrolled in 11 doctoral programs in clinical psychology. My 12 graduate-, post-doctoral-, and junior faculty-level mentees have collectively produced 10 first-author papers, including in *JAMA Pediatrics*, *Clinical Psychological Science*, *Clinical Psychology Review*, *Pediatrics*, and *Translational Psychiatry*, been awarded 17 grants from the NIH and extramural foundations, include 3 F32s, 3 K23s, 2 R21s, 1 R01, and secured faculty placements at 5 R1 institutions and a leading liberal arts college.