

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

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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– 12/21	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– Consultant Relmada Therapeutics

### 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 Training Committee	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 Training Committee	Massachusetts General Hospital Research Supervisor
2021	Data and Safety Monitoring Board	Massachusetts General Hospital Member
2022–	Data and Safety Monitoring Board	Massachusetts General Hospital Member
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

#### National

2019	Identifying Research Priorities in Child Suicide Risk	National Institutes of Health Panelist
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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

### Professional Societies:

2007–	Association for Behavioral and Cognitive Therapies	Member
2014–2020		Member, Program Committee
2019, 2021		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		Member, Program Committee
2018–2020	Society for Child and Family Policy and Practice	Member
2018–2020	Society for Research in Child Development	Member, Program Committee
2019–	Society for Research in Psychopathology	Member
2020–		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 2022–	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

**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**Australian and New Zealand Journal of Psychiatry**BMC Psychiatry**BMC Public Health**BMJ**BMJ Open*

*Biological Psychiatry*  
*Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*  
*British Journal of Psychiatry*  
*Child Abuse & Neglect*  
*Child Maltreatment*  
*Clinical Nutrition*  
*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*  
*Expert Systems with Applications*  
*General Hospital Psychiatry*  
*Gut Microbes*  
*International Journal of Geriatric Psychiatry*  
*International Journal of Methods in Psychiatric Research*  
*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 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*  
*Lancet Psychiatry*  
*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 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>
2019	Section Editor on Suicide	<i>Current Behavioral Neuroscience Reports</i>
2021–	Consulting Editor	<i>Clinical Psychological Science</i>
2021–	Associate Editor	<i>Behavior Therapy</i>

**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	Clinical psychology internship training program mentorship award	Massachusetts General Hospital	Mentorship

## **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 Modulating impulsivity in suicidal adolescents with tDCS: A proof-of-concept study  
NCE 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  
NIMH R01 MH115905 (funded on first submission)  
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  
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  
This project aims to examine the dynamics of parent-child stress using automatic sensing of acoustic and visual behaviors as markers of suicide risk in adolescents.

### **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  
American Foundation for Suicide Prevention PDF-0-095-19  
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  
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.

### **Report of Local Teaching and Training**

#### **Teaching of Students in Courses:**

- |      |  |   |
|------|--|---|
| 2008 | Introduction to psychology as a social science<br>Undergraduate students | Temple University<br>9 hours/week for 8 weeks |
|------|--|---|

#### **Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):**

- |      |   |                                 |
|------|---|---------------------------------|
| 2019 | Ethics: Minors in research<br>T32 post-doctoral fellows | Brown University<br>1 hour/year |
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#### **Research Supervisory and Training Responsibilities:**

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|-----------|---|---|
| 2014–2020 | Supervision of research assistants<br>(3 research assistants per year)                                      | Brown University<br>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<br>(2-3 interns or fellows per year) | Brown University<br>1 hour lab meeting/week; 1:1 supervision 1 hour/week/intern or fellow     |
| 2019–2021 | Supervision of junior faculty<br>(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 (1 early career faculty)	Vanderbilt University Medical Center 1:1 supervision 2 hours/month/early career faculty
2020–	Supervision of research assistants (5-7 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  
Currently conducting research elective with me.

### **Other Mentored Trainees and Faculty:**

2008–2010 Rebecca Mastin, MPH / Program Manager at LBBC  
Career stage: undergraduate. Mentoring role: honors thesis advisor.  
Accomplishments: psychology honors thesis, co-authored publication of mentored research.

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.

2014–2016 Shayna Cheek, PhD / Doctorate in clinical psychology, Duke University  
Career stage: research assistant. Mentoring role: mentor.  
Accomplishments: first-authored papers of mentored research in *Depression and Anxiety* 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 of mentored research in *Journal of Affective Disorders*.
- 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 of mentored research in *Personality and Individual Differences*.
- 2015–2017 Zoë Trout, BA / Doctoral student in clinical psychology, Baylor University  
Career stage: research assistant. Mentoring role: mentor.  
Accomplishments: first-authored paper of 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 of mentored research in *Child Abuse & Neglect*.
- 2016–2017 Nimesha Gerlus, ScB / MD, PhD student, Duke University School of Medicine  
Career stage: undergraduate. 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, BA / Doctoral student 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 paper of mentored research in *Journal of Psychiatric Research*.
- 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 / College 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.
- 2018–2020 Alexandra Bettis, PhD / Assistant Professor, Vanderbilt University School of Medicine  
Career stage: post-doctoral fellow. Mentoring role: mentor.

- 2020– 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– Taylor Burke, PhD / Assistant Professor, Harvard Medical School  
2018–2019 Career stage: pre-doctoral intern. Mentoring role: research mentor.  
2019–2021 Career stage: post-doctoral fellow. Mentoring role: mentor.  
2021– 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*.
- 2019– Hannah Lawrence, PhD / Assistant Professor, Oregon State University  
2019–2020 Career stage: pre-doctoral intern. Mentoring role: research mentor.  
2020–2022 Career stage: post-doctoral fellow. Mentoring role: mentor.  
2022– Career stage: Assistant Professor. Mentoring role: mentor.  
Accomplishments: 3 grants including American Foundation for Suicide Prevention Post-doctoral Grant; first-authored paper of mentored research in *Translational Psychiatry*; 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.
- 2019–2021 William Lewis-de los Angeles, MD / Assistant Professor, Brown University  
Career stage: Assistant Professor. Mentoring role: research mentor.  
Accomplishments: first-authored paper of 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 of mentored research in *Journal of Affective Disorders*.
- 2019– Jennifer Poon, PhD / Post-doctoral fellow, Brown University  
Career stage: post-doctoral fellow. Mentoring role: mentor.  
Accomplishments: F32 funded on first submission.
- 2020– Peter Hitchcock, PhD / Post-doctoral fellow, Brown 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.
- 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.
- 2021–  
2021–2022 Naoise Mac Giollabhui, PhD / Post-doctoral fellow, Massachusetts General Hospital  
Career stage: pre-doctoral intern. Mentoring role: research mentor.
- 2022–  
Career stage: post-doctoral fellow. Mentoring role: mentor.
- 2021–  
Sunday Hull, BA / Research assistant, Massachusetts General Hospital  
Career stage: research assistant. Mentoring role: research mentor.  
Accomplishments: first-authored posters of mentored research presented at the Association for Behavioral and Cognitive Therapies and MGH Clinical Research Day.
- 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.
- 2021–  
Julianne Origlio, BS / Research assistant, Massachusetts General Hospital  
Career stage: research assistant. Mentoring role: research mentor.  
Accomplishments: first-authored poster of mentored research presented at the Anxiety and Depression Association of America Conference.
- 2021 Mirabel Bok / High school student, Saint Francis Preparatory School  
Career stage: high school student. Mentoring role: research mentor.  
Accomplishments: Placed first in regional high school symposium.
- 2021–2022 Natasha Kulviwat / High school student, Jericho High School  
Career stage: high school student. Mentoring role: research mentor.  
Accomplishments: Presented mentored research in National Geographic; 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–  
Lauren Haliczzer, PhD / Post-doctoral fellow, Massachusetts General Hospital  
Career stage: post-doctoral fellow. Mentoring role: mentor.  
Accomplishments: F32 funded on first submission.
- 2022–  
Hillary Ditmars, MA / Pre-doctoral intern, Massachusetts General Hospital  
Career stage: pre-doctoral intern. Mentoring role: research mentor.
- 2022–  
G. Alice Woolverton, MS / Pre-doctoral intern, Massachusetts General Hospital  
Career stage: pre-doctoral intern. Mentoring role: research mentor.
- 2023–  
Autumn Kujawa, PhD / Assistant Professor, Vanderbilt University  
Career stage: Assistant Professor. Mentoring role: faculty mentor.  
Accomplishments: Awarded Brain and Behavior Research Foundation Young Investigator Grant.

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

- No presentations below were sponsored by 3<sup>rd</sup> 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 Two two-hour workshops

Bradley Hospital

Providence, RI

**Local Invited Presentations:**

- No presentations below were sponsored by 3<sup>rd</sup> 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

**Report of Regional, National and International Invited Teaching and Presentations**

- No presentations below were sponsored by 3<sup>rd</sup> 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

**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

### **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: A systematic review and meta-analysis (selected oral abstract)  
IASR/AFSP International Summit on Suicide Research
- 2022 Prevalence and prevention of suicide in youth (invited presentation)  
Henan University  
Henan, China

### **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)

### **Report of Education of Patients and Service to the Community**

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

#### **Recognition:**

- 2015 Publicity of 2010 *Child Abuse & Neglect* paper on childhood abuse and BDNF in risk for bipolar disorder. Huffington Post
- 2017, 2021 Publicity of 2013 *Archives of Sexual Behavior* paper on suicide risk among LGBT youth. Washington Post

2017	Publicity of 2017 <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, MedPage Today

## **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) PMID: PMC2813067
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) PMID: PMC2832855

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) PMID: PMC4240010
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) PMID: PMC3045819
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) PMID: PMC3049314
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) PMID: PMC3403678
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) PMID: PMC3359412
9. **Liu RT**, Kleiman EM. Impulsivity and the generation of negative life events: The role of negative urgency. *Personality and Individual Differences*. 2012 53:609-612. [doi:10.1016/j.paid.2012.05.003](https://doi.org/10.1016/j.paid.2012.05.003)
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) PMID: PMC3369019
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) PMID: PMC3683363
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)

15. **Liu RT**, Choi JY, Boland EM, \*\*Mastin BM, Alloy LB. Childhood abuse and stress generation: The mediational effect of depressogenic cognitive styles. *Psychiatry Research*. 2013 206:217-222. [doi:10.1016/j.psychres.2012.12.001](https://doi.org/10.1016/j.psychres.2012.12.001) PMID: PMC4081492
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) PMID: PMC3856637
19. Bozzay ML, **Liu RT**, Kleiman EM. Gender and age differences in suicide mortality in the context of violent death: Findings from a multi-state population-based surveillance system. *Comprehensive Psychiatry*. 2014 55:1077-1084. [doi:10.1016/j.comppsy.2014.03.017](https://doi.org/10.1016/j.comppsy.2014.03.017)
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)
  - Cook CCH. Suicide and religion. *British Journal of Psychiatry*. 2014 204:254-255.
  - Nebhinani N. Religious service attendance as a protective factor against suicide. *British Journal of Psychiatry*. 2014 204:404.
  - Poole R. The clinical implications of church attendance and suicide. *British Journal of Psychiatry*. 2014 205:248.
  - 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.
21. Kleiman EM, **Liu RT**, Riskind JH. Integrating the interpersonal theory of suicide into the depression/suicidal ideation relationship: A short-term prospective study. *Behavior Therapy*. 2014 45:212-221. [doi:10.1016/j.beth.2013.10.007](https://doi.org/10.1016/j.beth.2013.10.007)
22. **Liu RT**, Alloy LB, \*\*Mastin BM, Choi JY, Boland EM, Jenkins A. Vulnerability-specific stress generation: An examination of depressogenic cognitive vulnerability across multiple domains. *Anxiety, Stress, Coping*. 2014 27:695-711. [doi:10.1080/10615806.2014.909927](https://doi.org/10.1080/10615806.2014.909927) PMID: PMC4156537
23. **Liu RT**, Case BG, Spirito A. Injection drug use is associated with suicide attempts but not ideation or plans in a sample of adolescents with depressive symptoms. *Journal of Psychiatric Research*. 2014 56:65-71. [doi:10.1016/j.jpsychires.2014.05.001](https://doi.org/10.1016/j.jpsychires.2014.05.001)
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26. **Liu RT**, Miller I. Life events and suicidal ideation and behavior: A systematic review. *Clinical Psychology Review*. 2014 34:181-192. [doi:10.1016/j.cpr.2014.01.006](https://doi.org/10.1016/j.cpr.2014.01.006)
27. Puzia ME, Kraines MA, **Liu RT**, Kleiman EM. Early life stressors and suicidal ideation: Mediation by interpersonal risk factors. *Personality and Individual Differences*. 2014 56:68-72. [doi:10.1016/j.paid.2013.08.027](https://doi.org/10.1016/j.paid.2013.08.027)
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) PMID: PMC3884028
29. Stone LB, **Liu RT**, Yen S. Adolescent inpatients' report of dependent life events predicts prospective suicide risk. *Psychiatry Research*. 2014 219:137-142. [doi:10.1016/j.psychres.2014.05.015](https://doi.org/10.1016/j.psychres.2014.05.015) PMID: PMC4105341
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31. Kleiman EM, **Liu RT**, Riskind JH, Hamilton JL. Depression as a mediator of negative cognitive style and hopelessness in stress generation. *British Journal of Psychology*. 2015 106:68-83. [doi:10.1111/bjop.12066](https://doi.org/10.1111/bjop.12066)
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  - Hammen C. Stress sensitivity in psychopathology: Mechanisms and consequences. *Journal of Abnormal Psychology*. 2015 124:152-154.
33. **Liu RT**, Jones RN, Spirito A. Is adolescent suicidal ideation continuous or categorical? A taxometric analysis. *Journal of Abnormal Child Psychology*. 2015 43:1459-1466. [doi:10.1007/s10802-015-0022-y](https://doi.org/10.1007/s10802-015-0022-y) PMID: PMC4609216
34. **Liu RT**, Kleiman EM, \*\*Nestor BA, \*\*Cheek SM. The hopelessness theory of depression: A quarter-century in review. *Clinical Psychology: Science and Practice*. 2015 22:344-364. [doi:10.1111/cpsp.12125](https://doi.org/10.1111/cpsp.12125) PMID: PMC4689589
35. \*\*Massing-Schaffer M, **Liu RT**, Kraines MA, Choi JY, Alloy LB. Elucidating the relation between childhood emotional abuse and depressive symptoms in adulthood: The mediating role of maladaptive interpersonal processes. *Personality and Individual Differences*. 2015 74:106-111. [doi:10.1016/j.paid.2014.09.045](https://doi.org/10.1016/j.paid.2014.09.045) PMID: PMC4523297
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- of early adolescents. *Journal of Abnormal Child Psychology*. 2015 43:1403-1413. [doi:10.1007/s10802-015-0021-z](https://doi.org/10.1007/s10802-015-0021-z) PMID: PMC4609240
37. \*\*Cheek SM, \*\*Nestor BA, **Liu RT**. Substance use and suicidality: Specificity of substance use by injection to suicide attempts in a nationally representative sample of adults with major depression. *Depression and Anxiety*. 2016 33:541-548. [doi:10.1002/da.22407](https://doi.org/10.1002/da.22407) PMID: PMC4958618
  38. Frazier EA, **Liu RT**, \*\*Massing-Schaffer M, Hunt J, Wolff J, Spirito A. Adolescent but not parent report of irritability is related to suicidal ideation in psychiatrically hospitalized adolescents. *Archives of Suicide Research*. 2016 20:280-289. [doi:10.1080/13811118.2015.1004497](https://doi.org/10.1080/13811118.2015.1004497)
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  41. **Liu RT**, \*\*Cheek SM, \*\*Nestor BA. Non-suicidal self-injury and life stress: A systematic meta-analysis and theoretical elaboration. *Clinical Psychology Review*. 2016 47:1-14. [doi:10.1016/j.cpr.2016.05.005](https://doi.org/10.1016/j.cpr.2016.05.005) PMID: PMC4938721
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### Other peer-reviewed scholarship

1. Kleiman EM, Bentley KH, Glenn CR, **Liu RT**, Rizvi SL. Building on the past 50 years, not starting over: A balanced interpretation of meta-analyses, reviews, and commentaries on treatments for suicide and self-injury. *General Hospital Psychiatry*. 2022 74:18-21.  
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### Non-peer reviewed scholarship in print or other media:

#### Reviews, chapters, and editorials

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#### Thesis:

**Liu RT**. (2012). A test of vulnerability-specific stress generation.

## Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings:

\*\*indicates student/trainee

1. \*\*Levin RY, \*\*Sanzari CM, \*\*Maitlin C, \*\*Bettis AH, **Liu RT**. Child maltreatment and observed parenting as predictors of suicidal ideation in adolescent inpatients. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November, 2020.
2. \*\*Maitlin C, \*\*Levin RY, **Liu RT**, Zhu X. Risk and resilience correlates with non-suicidal self-injury among left-behind adolescents in rural China. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November, 2020.
3. \*\*Sanzari CM, **Liu RT**. Temporal trends in adolescent problematic weight management behaviors from 1999 through 2013: A nationally representative study. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, November, 2020.
4. \*\*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.
5. \*\*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.
6. \*\*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.
7. \*\*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.
8. \*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.

## 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 LGBT 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 last 23 years in the case of suicidal thoughts and behaviors.

To date, I have published 102 peer-reviewed papers (average journal impact factor [IF] = 8.3), including 43 first-author papers (average IF = 10.9), of which 13 are sole-author works (average IF = 11.3), as well as 26 senior-author papers (average IF = 7.4). Three of my papers (Liu & Alloy, 2010; Liu & Mustanski, 2012; Mustanski & Liu, 2013) are in the top 1% most cited papers in their fields based on year of publication, and another (Liu, Walsh & Sheehan, 2019) is 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 1 R21, with 4 of these 5 grants funded on first submission. 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 5 editorial boards, including 2 as Associate Editor; to serve on 4 DSMBs; to serve as a guest editor of a special section on minority experiences, stress, resilience and mental health in *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 Harvard Medical School 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*, *Pediatrics*, and *Translational Psychiatry*, been awarded 17 grants from the NIH and extramural foundations, include 3 F32s, 2 K23s, 2 R21s, and secured faculty placements at 5 R1 institutions and a leading liberal arts college.