

**MADELYN R. FRUMKIN, M.A.**  
*Doctoral Candidate in Clinical Psychology*  
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## EDUCATION

- 8/2017 – Present      **Washington University in St. Louis**  
*Doctoral Candidate in Clinical Psychology;*  
*Graduate Certificate in Quantitative Data Analysis*  
Advisor: Thomas L. Rodebaugh, PhD  
*Thesis title: Personalized Models of Depression and Chronic Pain*
- 8/2017 – 5/2019      **Washington University in St. Louis**  
*Master of Arts in Psychological and Brain Sciences*  
Advisor: Thomas L. Rodebaugh, PhD  
*Thesis title: Examining Emotional Pain Among Individuals with Chronic Physical Pain: Nomothetic and idiographic approaches*
- 8/2011 – 5/2015      **University of North Carolina at Chapel Hill**  
*Bachelor of Arts in Psychology and Music Performance*

## GRANTS

- ACTIVE**  
2021 – 2023      **National Institute on Mental Health, Ruth L. Kirschstein  
Predoctoral Individual National Research Service Award  
F31MH124291** (Principal Investigator)      \$92,072  
*Personalized Models of Depression and Chronic Pain*
- 2021 – 2022      **Washington University School of Medicine, Big Ideas  
Grant** (Team Member)      \$50,000  
*Using Mobile Health Technology to Capture Physical,  
Functional, and Psychosocial Features that Predict Recovery  
after Lumbar Fusion*  
Role: Team Member
- COMPLETED**  
2017      **Washington University in St. Louis, Graduate Student  
Research Grant** (Principal Investigator)      \$750  
*Examining Emotional Pain Among Individuals with Chronic  
Physical Pain: Nomothetic and idiographic approaches*

## HONORS, AWARDS, & FELLOWSHIPS

- 2021      American Psychological Association, Dissertation Research Award
- 2021      American Psychological Foundation/Council of Graduate Departments of  
Psychology, Graduate Student Research Scholarship
- 2021      Toronto Pain Institute, Fellow

2017 – Present	Washington University in St. Louis, University Fellow
2019	Academy of Psychological Clinical Science, Clinical Science Student Training Award
2019	repliCATS, Travel Grant
2018	Association for Psychological Science, Travel Grant
2015	University of North Carolina at Chapel Hill, Bachelor of Arts with Highest Distinction
2011 – 2015	University of North Carolina at Chapel Hill, Fischer Music Scholarship
2011 – 2015	University of North Carolina at Chapel Hill, Dean’s List
2014	Phi Beta Kappa

## PEER-REVIEWED PUBLICATIONS

\*Denotes authors contributed equally

1. **Frumkin, M.R.** & Rodebaugh, T.L. (2021). The role of affect in chronic pain: A systematic review of within-person symptom dynamics. *Journal of Psychosomatic Research*, 147. <https://doi.org/10.1016/j.jpsychores.2021.110527>.
2. **Frumkin, M.R.\***, Robinaugh, D.J.\*, LeBlanc, N.J., Ahmad, Z., Bui, E., Nock, M.K., ... & McNally, R.J. (2021). The pain of grief: Exploring the concept of psychological pain and its relation to complicated grief, depression, and risk for suicide in bereaved adults. *Journal of Clinical Psychology*, 77(1), 254-267. <https://doi.org/10.1002/jclp.23024>.
3. **Frumkin, M.R.**, Kallogjeri, D., Piccirillo, J.F., Beukes, E., Manchaiah, V., Andersson, G., & Rodebaugh, T.L. (2021). Development and preliminary evaluation of the Tinnitus Severity Short Form. *American Journal of Audiology*, 30(2), 404-415. [https://doi.org/10.1044/2021\\_AJA-20-00164](https://doi.org/10.1044/2021_AJA-20-00164).
4. Rodebaugh, T.L., **Frumkin, M.R.**, Reiersen, A.M., Lenze, E.J., Avidan, M.S., Miller, J.P., ... & Mattar, C. (2021). Acute symptoms of mild to moderate COVID-19 are highly heterogeneous across individuals and over time. *Open Forum Infectious Diseases*, 8(3), 1-9. <https://doi.org/10.1093/ofid/ofab090>.
5. **Frumkin, M.R.\***, Piccirillo, M.L.\*, Beck, E.D., Grossman, J.T., & Rodebaugh, T.L. (2020). Feasibility and utility of idiographic models in the clinic: A pilot study. *Psychotherapy Research*, 31(4), 520-534. <https://doi.org/10.1080/10503307.2020.1805133>.
6. **Frumkin, M.R.**, Haroutounian, S., & Rodebaugh, T.L. (2020). Examining emotional pain among individuals with chronic physical pain: Nomothetic and idiographic approaches. *Journal of Psychosomatic Research*, 136, 110172. <https://doi.org/10.1016/j.jpsychores.2020.110172>.
7. Grossman, J.T., **Frumkin, M.R.**, Rodebaugh, T.L., & Lenze, E. (2020). mHealth assessment and intervention of depression and anxiety in older adults. *Harvard Review of Psychiatry*, 28(3), 203-214. <https://doi.org/10.1097/HRP.000000000000255>.
8. Goetter, E.M., **Frumkin, M.R.**, Palitz, S.A., Swee, M.B., Baker, A.W., Bui, E., & Simon, N.M. (2020). Barriers to mental health treatment among individuals with social anxiety disorder and generalized anxiety disorder. *Psychological Services*, 17(1), 5-12. <https://doi.org/10.1037/ser0000254>.

9. Baker, A.W., **Frumkin, M.R.**, Hoepfner, S.S., LeBlanc, N.J., Bui, E., Hofmann, S.G., & Simon, N.M. (2019). Facets of mindfulness in adults with Generalized Anxiety Disorder and impact of co-occurring depression. *Mindfulness*, *10*(5), 903-912.  
<https://doi.org/10.1007/s12671-018-1059-0>.
10. Rodgers, R.F., DuBois, R., **Frumkin, M.R.**, & Robinaugh, D.J. (2018). A network approach to eating disorder symptomatology: Do desire for thinness and fear of gaining weight play unique roles in the network?. *Body Image*, *27*, 1-9.  
<https://doi.org/10.1016/j.bodyim.2018.07.004>.

## MANUSCRIPTS UNDER REVIEW

1. **Frumkin, M.R.**, Carpenter, R.W., & Rodebaugh, T.L. (Under review). Heterogeneity in temporal dynamics of pain and affect among individuals with chronic back pain and associations with risk for future opioid-related problems. *Preprint*: <https://psyarxiv.com/4krzb/>.
2. Greenberg, J.K.\*, **Frumkin, M.R.\***, Javeed, S., Zhang, J.K., ...& Ray, W.Z. (Under revision). Feasibility and acceptability of a preoperative multimodal mobile health assessment in spine fusion candidates.
3. Rodebaugh, T.L., Piccirillo, M.L., **Frumkin, M.R.**, Kallogjeri, D., Gerull, K.M., & Piccirillo, J.F. (Under revision). Investigating individual variation using Dynamic Structural Equation Modeling: A tutorial with tinnitus.
4. Hawks, Z.W., Strong, R., Jung, L., Beck, E.D., Passell, E.J., Grinspoon, E., Singh, S., **Frumkin, M.R.**, Sliwinski, M., & Germine, L.T. (Under review). Accurate prediction of momentary cognition from intensive longitudinal data. *Preprint*: <https://psyarxiv.com/qscgp/>.

## MANUSCRIPTS IN PREPARATION

1. **Frumkin, M.R.**, Rodebaugh, T.L., & Haroutounian, S. (In preparation). Association between real-world and laboratory-based assessment of pain. *Preregistration*: <https://osf.io/2mdva>.
2. **Frumkin, M.R.**, Greenberg, J.K., Haroutounian, S., Rodebaugh, T.L., & Sullivan, M.J. (In preparation). Validation of the Momentary Pain Catastrophizing Scale for use in ecological momentary assessment research. *Preregistration*: <https://osf.io/p2459>.
3. Piccirillo, M.L., **Frumkin, M.R.**, Tonge, N.A., & Foster, K.T. (In preparation). Examining the clinical utility of symptom dynamics for differentiating and predicting depression and social anxiety. *Preprint*: <https://psyarxiv.com/uj5xd/>.
4. Rodebaugh, T.L., **Frumkin, M.R.**, Garg, R., LaGesse, L., McQueen, A., & Kreuter, M.W. (In preparation). Perceived vaccine safety over time in a vaccine hesitant sample: Impact of pausing due to safety concerns. *Preprint*: <https://psyarxiv.com/csfte/>.
5. Coppersmith, D.D.L., **Frumkin, M.R.**, Millner, A.J., Fortgang, R.F., Kleinman, E.M., Robinaugh, D.J., & Nock, M.K. (In preparation). Psychological pain and suicidal thought and behaviors: A real-time monitoring study.
6. Piccirillo, M.L., Fritz, J., Cohen, Z.D., **Frumkin, M.R.**, ...& Bringmann, L.F. (In preparation). So you want to do ESM? A brief overview on ESM design and implementation.
7. Rodebaugh, T.L., Grossman, J.T., Tonge, N., **Frumkin, M.R.**, Shin, J.S., Rodriguez, E., Ortiz, E., & Piccirillo, M.L. (In preparation). Social anxiety and avoidance reciprocally

maintain day by day in social anxiety disorder, but not for everyone. *Preregistration*:  
<https://osf.io/vbwsg>.

## BOOK CHAPTERS AND COMMENTARIES

1. Rodebaugh, T. L., **Frumkin, M. R.**, & Piccirillo, M. L. (2020). The long road from person-specific models to personalized mental health treatment. *BMC medicine*, 18(1), 1-2.  
<https://doi.org/10.1186/s12916-020-01838-w>.
2. **Frumkin, M.R.**, & Robinaugh, D.J. (2018). Grief and post-traumatic stress following bereavement. In E. Bui (Eds.), *Clinical Handbook of Bereavement and Grief Reactions* (pp. 19-44). Humana Press. [https://doi.org/10.1007/978-3-319-65241-2\\_2](https://doi.org/10.1007/978-3-319-65241-2_2).

## CONFERENCE SYMPOSIA

1. **Frumkin, M.R.** (2022). Beyond fixed effects: Using ambulatory assessment data to assess individual differences. In Santangelo, P. (Chair), *Methodological Aspects of Daily Life Research in Clinical Samples*. Talk presented at the Annual Convention of the Society for Ambulatory Assessment, virtual convention.
2. Levitan, J.M., **Frumkin, M.R.**, & Rodebaugh, T.L. (2022). Interviews with clinicians on utility of EMA and personalized (network) models. In Bos, F. (Chair), *Implementing EMA in psychiatric care: Illustrating the translational pathway from feedback development to patient and clinician perspectives*. Talk presented at the Annual Convention of the Society for Ambulatory Assessment, virtual convention.
3. **Frumkin, M.R.**, Greenberg, J.K., Zhang, J., Javeed, S., Ray, W.Z., & Rodebaugh, T.L. (2022). Combining subjective and objective measurement of chronic pain symptoms in daily life. In Fried, E. (Chair), *Integrating Ecological Momentary Assessment and Digital Phenotype Data: Challenges and Solutions*. Talk presented at the Annual Convention of the Association for Psychological Science, Chicago, IL.
4. Greenberg, J.K., **Frumkin M.R.**, et al. (2022). Using mobile health technology to capture physical, functional, and psychosocial features associated with spine fusion outcomes. Talk presented at the AO Spine North American Annual Fellows Forum, Banff, CA.
5. Carpenter, R.W., **Frumkin, M.R.**, & Rodebaugh, T.L. (2022). Temporal dynamics of momentary pain and affect and associations with risk for opioid misuse in patients with chronic pain. In Piccirillo, M.L. (Chair), *Examining Variation in the Who, What, and When of Substance-Related Risk and Outcomes: Implications for Clinical Science and Practice*. Talk presented at the Annual Convention of the Society of Addiction Psychology, Portland, OR.
6. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2021). Psychological pain and social anxiety: A conceptual model of social pain theory. In **Frumkin, M.R. (Chair)**, *What Is Psychological Pain? A Transdiagnostic Examination of the Nature and Correlates of Pain Affect Arising from Psychological or Social Stimuli*. Talk presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, virtual convention.
7. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2021). Implementing idiographic methods in the therapy clinic. In Burger, J. & Dejonckheere, E. (Chairs), *From Research Method to Clinical Practice: Possible Hurdles and how to Overcome Them*. Talk presented at the Annual Convention of the Society for Ambulatory Assessment, virtual convention.

8. **Frumkin, M.R.**, Haroutounian, S., & Rodebaugh, T.L. (2020). What hurts?: Examining physical and emotional components of chronic pain using nomothetic and idiographic approaches. In **Frumkin, M.R. (Chair)**, *Using Ecological Momentary Assessment and Personalized Modeling to Address Health-Related Problems*. Talk accepted for the Annual Convention of the Association for Psychological Science (canceled due to COVID-19).
9. Piccirillo, M.L., **Frumkin, M.R.**, & Rodebaugh, T.L. (2020). How often are your symptoms really changing? A comparison of client-predicted and model-derived lag lengths using psychological time series data. In Reeves, J. & Bosley, H. (Chairs), *Advances in Idiographic Clinical Science: Highlighting the Clinical Utility of the Person-specific Approach*. Talk presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, virtual convention.
10. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2019). Idiographic models in the clinic: Client and clinician attitudes towards the utility and feasibility of idiographic assessment. In **Frumkin, M.R.** & Rodebaugh, T.L. (Chairs), *Individualized Assessment and Treatment: What Wisdom Does Ecological Momentary Assessment Offer to Clinician and Client Stakeholders?* Talk presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, Atlanta, GA.

## SELECTED POSTER PRESENTATIONS

\*Denotes undergraduate mentee

1. \*Ortiz, E., **Frumkin, M.R.**, & Rodebaugh, T.L. (2022). COVID-19 perceptions and behavior: Boredom and loneliness during COVID-19 and their relationship to sensation seeking and curiosity. *Poster presented at the Washington University Psychological and Brain Sciences Honors Poster Symposium, St. Louis, MO.*
2. **Frumkin, M.R.**, Kallogjeri, D., Piccirillo, J.F., Beukes, E., Manchaiah, V., Andersson, G., & Rodebaugh, T.L. (2020). Measurement of tinnitus distress: Confirmatory factor analysis of the Tinnitus Handicap Inventory and Tinnitus Functional Index and development of a combined short form. *Poster presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, virtual convention.*
3. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2018). Examining psychological pain and its relationship with depression, interpersonal needs, and social anxiety. *Poster presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, Washington, DC.*
4. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2018). Pain catastrophizing, psychological pain, and depression represent distinct constructs related to chronic pain. *Poster presented at the Annual Convention of the Association for Psychological Science, San Francisco, CA.*

## TEACHING EXPERIENCE

### Lecturer

Washington University in St. Louis – Department of Psychological  
& Brain Sciences

St. Louis, MO  
June 2021 – May 2022

Instructor of record for Abnormal Psychology (Summer 2021) and First-Year Opportunity: Contemporary Issues in Psychology (Fall 2021, Spring 2022) undergraduate courses.

**R Workshop Leader**

*Washington University in St. Louis – Department of Psychological & Brain Sciences*

St. Louis, MO  
June 2020 – May 2022

Designed and implemented introductory and advanced workshops in R statistical software for undergraduate and graduate students. Topics included data wrangling, plotting, and structural equation modeling.

**Assistant in Instruction**

*Washington University in St. Louis – Department of Psychological & Brain Sciences*

St. Louis, MO  
August 2018 – May 2020

Assistant to the instructor for Abnormal Psychology and Introduction to Psychological Treatments undergraduate courses. Responsibilities included preparing and grading exams, delivering guest lectures, and responding to student concerns.

**Discussion Leader**

*Washington University in St. Louis – Department of Psychological & Brain Sciences, Anxiety & Psychotherapy Laboratory*

St. Louis, MO  
August 2017 – May 2019

Planned and facilitated weekly lab meetings for the undergraduate research assistants on topics including research methods, research ethics, and statistics.

**CLINICAL EXPERIENCE****Peer Supervisor**

*Psychological Services Center, Washington University*

St. Louis, MO  
January 2022 – July 2022

Provided clinical supervision to first-year graduate students completing clinical assessments. Responsibilities included direct observation, case review, and documentation feedback.

**Student Therapist**

*Integrated Pain Rehabilitation Program, St. Louis VA Medical Center*

St. Louis, MO  
August 2021 – July 2022

Provided individual and group psychotherapy to patients with chronic pain. Activities include co-leading group cognitive behavioral therapy for chronic pain and providing individual therapy focused on pain, depression, sleep, and illness adjustment.

**Student Therapist**

*Siteman Psychology Service, Washington University School of Medicine*

St. Louis, MO  
August 2020 – August 2021

Provided outpatient individual therapy focused on issues including illness adjustment, cancer pain, sleep, and end-of-life, as well as group mindfulness- and process-oriented interventions.

**Student Therapist**

*Perinatal Behavioral Health Service, Washington University School of Medicine*

St. Louis, MO  
August 2019 – August 2020

Provided individual assessment and psychotherapy to pregnant women and new mothers, with an emphasis on preventing and treating post-partum depression using interpersonal therapy, acceptance and commitment therapy, and cognitive behavioral therapy.

**Student Therapist***Psychological Services Center, Washington University*

St. Louis, MO

November 2017 – July 2022

Provided assessment and psychotherapy to individuals at the Washington University outpatient clinic with a specific emphasis on the use of evidence-based techniques including cognitive behavioral therapy, cognitive processing therapy, dialectical behavior therapy, and acceptance and commitment therapy.

**SERVICE**

2018 – 2020	Peer Mentor, Washington University in St. Louis
2018 – 2019	Social Committee Co-chair, Washington University in St. Louis
2017 – 2018	Clinical Science Committee, Washington University in St. Louis
2015 – 2017	Tutor, Cambridge Community Services
2013 – 2015	Co-Chair, Preventing Violence through Sexual Health, UNC Chapel Hill
2014	Committee Member, Stigma Free Carolina, UNC Chapel Hill

**AD-HOC REVIEWER**

Psychological Assessment; Mindfulness; Psychological Medicine; Journal of Psychopathology and Behavioral Assessment; Journal of Psychosomatic Research; International Journal of Mental Health; JAMA Otolaryngology