

CURRICULUM VITAE

MADELYN R. FRUMKIN, M.A.

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ACADEMIC APPOINTMENTS

Starting	Dartmouth College
September 2024	Tenure-Track Assistant Professor, Department of Biomedical Data Science (Primary) & Department of Psychiatry (Secondary)

EDUCATION & TRAINING

7/2023 – 7/2024	Massachusetts General Hospital/Harvard Medical School Clinical Fellow, Lifespan Health Track
8/2017 – 8/2024	Washington University in St. Louis Ph.D. Candidate in Clinical Science (Defended May 2023) Secondary certificates in Quantitative Data Analysis and Teaching Advisor: Thomas Rodebaugh, Ph.D.
8/2017 – 5/2019	Washington University in St. Louis Master of Arts in Psychological and Brain Sciences Advisor: Thomas Rodebaugh, Ph.D.
8/2011 – 5/2015	University of North Carolina at Chapel Hill Bachelor of Arts in Psychology and Music Performance

GRANTS & FELLOWSHIPS

2021 – 2023	National Institute of Mental Health, Ruth L. Kirschstein Predoctoral Individual National Research Service Award (F31MH124291) <i>Personalized Models of Depression and Chronic Pain</i> Role: Principal Investigator Amount: \$92,788
2021 – 2022	Washington University School of Medicine, Big Ideas Grant <i>Using Mobile Health Technology to Capture Physical, Functional, and Psychosocial Features that Predict Recovery after Lumbar Fusion</i> Role: Team Member Amount: \$20,000
2021	American Psychological Foundation/Council of Graduate Departments of Psychology, Graduate Student Research Scholarship <i>Personalized Predictors of Psychological and Physical Health in Patients with Chronic Low Back Pain Receiving Spinal Surgery</i> Role: Principal Investigator Amount: \$2,500

2017 **Washington University in St. Louis, Graduate Student Research Grant**
*Examining Emotional Pain Among Individuals with Chronic Physical Pain:
 Nomothetic and Idiographic Approaches*
 Role: Principal Investigator
 Amount: \$750

HONORS & AWARDS

2024 **United States Association for the Study of Pain, G.F. Gebhart *Journal of Pain***
 Young Investigator Award Runner Up

2023 **National Institutes of Health, 18th Annual Symposium on Advances in Pain**
 Research, Mitchell Max Award Finalist

2023 **Harvard College, Goethals Teaching Prize**

2022 **Washington University in St. Louis, Dean's Award for Graduate Research**
 Excellence Semifinalist

2021 **American Psychological Foundation/Council of Graduate Departments of**
Psychology, Graduate Student Research Scholarship

2021 **American Psychological Association, Dissertation Research Award**

2019 **Academy of Psychological Clinical Science, Clinical Science Student Training**
 Award

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 (x8)**

2014 **Phi Beta Kappa**

PEER-REVIEWED PUBLICATIONS

**Denotes authors contributed equally*

1. Benedict, B., **Frumkin, M.R.**, Botterbush, K., Javeed, S., Zhang, J.K., Yakdan, S., Neuman, B., Steinmetz, M., Mroz, T., Ghogawala, Z., Kelly, M.P., Goodin, B.R., Piccirillo, J.F., Ray, W.Z., Rodebaugh, T.L., & Greenberg, J.K. (In Press). Using multimodal assessments to reevaluate depression designations in spine surgery candidates. *Journal of Bone & Joint Surgery*.
2. Xu, Z., Zhang, J., Greenberg, J.K., **Frumkin, M.R.**, Javeed, S., Zhang, J.K., Benedict, B., Botterbush, K., Rodebaugh, T.L., Ray, W.Z., & Lu, C. (In Press). Predicting multi-dimensional surgical outcomes with multi-model mobile sensing: A case study with patients undergoing lumbar spine surgery. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies*.

3. Greenberg, J.K.*, **Frumkin, M.R.***, Xu, Z.*, Zhang, J., Javeed, S., Zhang, J.K., Benedict, B., Botterbush, K., Molina, C.A., Pennicooke, B.H., Hafez, D., Ogunlade, J.I., Pallotta, N., Gupta, M.C., Buchowski, J.M., Neuman, B., Steinmetz, M., Ghogawala, Z., Kelly, M.P., Goodin, B.R., Piccirillo, J.F., Rodebaugh, T.L., Lu, C., & Ray, W.Z. (In press). Preoperative mobile health data improve predictions of recovery from lumbar spine surgery. *Neurosurgery*.
4. Hawks, Z.W., Beck, E.D., Jung, L., Fonseca, L.M., Sliwinski, M., Weinstock, R.S., Grinspoon, E., Xu, I., Strong, R.W., Singh, S., Van Dongen, H.P.A., **Frumkin, M.R.**, Bulger, J., Cleveland, M., Janess, K., Kudva, Y., Pratley, R., Rickels, M., Rizvi, S.R., Chaytor, N.S. & Germine, L.T. (2024). Dynamic associations between glucose and ecological momentary cognition in Type 1 Diabetes. *Nature Digital Medicine*, 7(59), 1-13. <https://doi.org/10.1038/s41746-024-01036-5>.
5. Carpenter, R.W., Nance, M., **Frumkin, M.R.**, Boissoneault, J., & Ellingson, J.M. (2024). Use and co-use of alcohol and cannabis following physical pain in the daily life of community adults. *Psychology of Addictive Behaviors*. <https://dx.doi.org/10.1037/adb0000992>.
6. Javeed, S., Benedict, B., Yakdan, S., Saleem, S., Zhang, J.K., Botterbush, K., **Frumkin, M.R.**, Hardi, A., Neuman, B.J., Goodin, B.R., Rodebaugh, T.L., Ray, W.Z., & Greenberg, J.K. (2024). Impact of preoperative depression on lumbar spine surgery outcomes: A systematic review and meta-analysis. *JAMA Network Open*, 7(1). <https://doi:10.1001/jamanetworkopen.2023.48565>.
7. Waddell, J., Carpenter, R.W., **Frumkin, M.R.**, McNamara, I.A., & Ellingson, J.M. (2024). Modeling momentary reciprocal associations between negative affect and craving for alcohol and cannabis using dynamic structural equation modeling. *Psychology of Addictive Behaviors*. <https://doi.org/10.1037/adb0000994>.
8. Rodebaugh, T. L., Grossman, J. T., Tonge, N. A., Shin, J., **Frumkin, M. R.**, Rodriguez, C. R., Ortiz, E. G., & Piccirillo, M. L. (2024). Avoidance and fear day by day in social anxiety disorder. *Psychotherapy Research*. <https://doi.org/10.1080/10503307.2023.2297994>.
9. **Frumkin, M.R.**, Carpenter, R.W., & Rodebaugh, T.L. (2023). Heterogeneity in temporal dynamics of pain and affect among individuals with chronic back pain and associations with risk for future opioid-related problems. *Clinical Psychological Science*. <https://doi.org/10.1177/21677026231196121>.
10. **Frumkin, M.R.**, Greenberg, J.K., Boyd, P., Javeed, S., Shayo, B., Shin, J., Wilson, E.A., Zhang, J.K., Sullivan, M.J.L., Haroutounian, S., & Rodebaugh, T.L. (2023). Validation of the Momentary Pain Catastrophizing Scale for use in ecological momentary assessment research. *The Journal of Pain*. 24(8), 1423–1433. <https://doi.org/10.1016/j.jpain.2023.03.010>.
11. Coppersmith, D.D.L., Millgram, Y., Kleinman, E.M., Fortgang, R.G., Millner, A.J., **Frumkin, M.R.**, Bentley, K.H., & Nock, M.K. (2023). Suicidal thinking as affect regulation. *Journal of Psychopathology and Clinical Science*. 132(4), 385–395. <https://doi.org/10.1037/abn0000828>.
12. 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. (2023). Accurate prediction of momentary cognition from intensive longitudinal data. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 8(8), 841–851. <https://doi.org/10.1016/j.bpsc.2022.12.002>.

13. Greenberg, J.K., Javeed, S., Zhang, J.K., Benedict, B., **Frumkin, M.R.**, Xu, Z... & Ray, W.Z. (2023). Current and future applications of mobile health technology for evaluating spine surgery patients: A review. *Journal of Neurosurgery: Spine*. 38(5), 617–626. <https://doi.org/10.3171/2022.12.SPINE221302>.
14. Greenberg, J.K.*, **Frumkin, M.R.***, Javeed, S., Zhang, J.K., Ruixuan, D., ... & Ray, W.Z. (2022). Feasibility and acceptability of a preoperative multimodal mobile health assessment in spine fusion candidates. *Neurosurgery*, 92(3), 538–546. <https://doi.org/10.1227/neu.0000000000002245>.
15. Rodebaugh, T.L., Piccirillo, M.L., **Frumkin, M.R.**, Kallogjeri, D., Gerull, K.M., & Piccirillo, J.F. (2022). Investigating individual variation using Dynamic Structural Equation Modeling: A tutorial with tinnitus. *Clinical Psychological Science*. 11(3), 574–591. <https://doi.org/10.1177/21677026221129279>.
16. **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>.
17. **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>.
18. **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.
19. 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>.
20. **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>.
21. **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>.
22. 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>.
23. 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>.

24. 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>.
25. 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>.

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.

MANUSCRIPTS UNDER REVIEW

1. **Frumkin, M.R.**, Greenberg, J.K., Zhang, J.K., Javeed, S., Zhang, J., Xu, Z., Benedict, B., Botterbush, K., Ray, W.Z., Lu, C., & Rodebaugh, T.L. (Under review). In-vivo assessment of movement-evoked pain using digital technology in patients with chronic back pain: Implications for treatment personalization. <https://osf.io/g2pq7/>.
2. Liu, L., **Frumkin, M.R.**, Wilson, L., Bulenda, S., Boyd, P., Rodebaugh, T.L., Kannampallil, T., & Haroutounian, S. (Under revision). Neurocognitive and psychophysical predictors of acute postoperative pain trajectories: Protocol for an observational cohort study.
3. Aminpour, E., Holzer, K.J., **Frumkin, M.R.**, Rodebaugh, T.L., Jones, C., Haroutounian, S., & Fritz, B.A. (Under revision). Preoperative predictors for acute postoperative anxiety and depression utilizing ecological momentary assessment.
4. Fritz, J.*, Piccirillo, M.L.*, Cohen, Z.D., **Frumkin, M.R.**, Kirtley, O., Moeller, J., Neubauer, A.B., Norris, L.A., Schuurman, N.K., Snippe, E., & Bringmann, L.F. (Under revision). So you want to do ESM? Ten essential topics for implementing the experience sampling method. <https://osf.io/preprints/osf/fverx>.
5. Mintz, E.M., Toner, E.R., Skolnik, A.M., Pan, A., **Frumkin, M.R.**, Baker, A.W., Simon, N.M., & Robinaugh, D.J. (Under review). Ecological momentary assessment with bereaved adults: Feasibility, acceptability, and measurement reactivity and their relationship to prolonged grief symptom severity. <https://psyarxiv.com/hw7jm/>.
6. Piccirillo, M.L., **Frumkin, M.R.**, Tonge, N.A., & Foster, K.T. (Under review). Examining the clinical utility of symptom dynamics for differentiating and predicting depression and social anxiety. *Preprint*: <https://psyarxiv.com/uj5xd/>.
7. Mueller, L., Kallogjeri, D., **Frumkin, M.R.**, Dizdar, K., Shin, J., Rodebaugh, T.L., Piccirillo, J.F. (Under review). Predictors of response to cognitive behavioral therapy for tinnitus patients.

SELECTED 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. Javeed, S.*, **Frumkin, M.R.***, Zhang, J.K., Xu, Z., Zhang, J., Botterbus, K.B., ... & Greenberg, J.K. (In preparation). Reliability and validity of momentary pain and disability assessments for lumbar spine surgery patients.
3. 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/>.

INVITED TALKS

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| 2024 | International Musculoskeletal Mental & Social Health Consortium , Research Special Interest Group, Virtual – “ <i>Feasibility and utility of digital approaches in chronic pain research</i> ” |
| 2024 | Dartmouth College , Center for Technology and Behavioral Health, Hanover, NH – “ <i>Advancing precision medicine approaches for chronic back pain using digital technology</i> ” |
| 2023 | University of Vermont , Department of Psychological Science, Burlington, VT – “ <i>Understanding, predicting, and treating chronic pain and co-occurring psychopathology using digital technology</i> ” |
| 2023 | Bates College , Department of Psychology, Lewiston, ME – “ <i>Clinical health psychology in the digital age</i> ” |
| 2023 | Massachusetts General Hospital , Center for Anxiety and Traumatic Stress Disorders, Boston, MA – “ <i>The dynamic role of catastrophizing in chronic pain: Implications for treatment personalization</i> ” |
| 2023 | National Institute of Health , 18 th Annual Pain Consortium Symposium on Advances in Pain Research, Bethesda, MD – “ <i>Improved prediction of spine surgery outcomes using dynamic features derived from mobile health monitoring</i> ” |
| 2023 | McLean Hospital , Institute for Technology in Psychiatry, Boston, MA – “ <i>Individual differences in the biopsychosocial model of chronic pain: Towards precision phenotypes</i> ” |
| 2023 | Massachusetts General Hospital , Center for Health Outcomes and Integrated Research, Boston, MA – “ <i>EMA and wearables for chronic pain research</i> ” |
| 2022 | Washington University in St. Louis , Office of Graduate Studies, St. Louis, MO – “ <i>Personalized prediction of spine surgery outcomes</i> ” |
| 2019 | Washington University School of Medicine , Department of Anesthesiology, St. Louis, MO – “ <i>Emotional pain among individuals with chronic physical pain: Nomothetic and idiographic approaches</i> ” |

CHAIRED SYMPOSIA

1. **Frumkin, M.R.** & Hawks, Z.W. (2023). *Leveraging technology in predictive modeling: Promises and challenges*. Association for Psychological Science, Washington, D.C.
2. **Frumkin, M.R.** (2021). *What is psychological pain? A transdiagnostic examination of the nature and correlates of pain affect arising from psychological or social stimuli*. Association for Behavioral and Cognitive Therapies, virtual.
3. **Frumkin, M.R.** (2020). *Using ecological momentary assessment and personalized modeling to address health-related problems*. Association for Psychological Science.
4. **Frumkin, M.R.** & Rodebaugh, T.L. (2019) *Individualized assessment and treatment: What wisdom does ecological momentary assessment offer to clinician and client stakeholders?* Association for Behavioral and Cognitive Therapies, Atlanta, GA.

SELECTED CONFERENCE PRESENTATIONS

1. **Frumkin, M.R.**, Greenberg, J.K., Zhang, J.K., Javeed, S., Zhang, J., Xu, Z., Benedict, B., Botterbush, K., Ray, W.Z., Lu, C., & Rodebaugh, T.L. (2024). In-vivo assessment of movement-evoked pain using digital technology in patients with chronic back pain. In Santangelo, P. (Chair), *States in context: Synergizing passive and subjective data using ambulatory assessment* [Symposium]. Society for Ambulatory Assessment, Ann Arbor, Michigan.
2. **Frumkin, M.R.**, Greenberg, J.K., Xu, Z., Zhang, J., Zhang, J., Javeed, S., Lu, C., Ray, W.Z., & Rodebaugh, T.L. (2023). Individual differences in associations between pain, activity, and psychological symptoms among patients with chronic back pain: Implications for treatment personalization. In Hawks, Z.W. (Chair), *Integration of EMA and passive sensing* [Symposium]. Society for Ambulatory Assessment, Amsterdam, Netherlands.
3. **Frumkin, M.R.**, Greenberg, J.K., Javeed, S., Zhang, J., Xu, Z., Zhang, J., Lu, C., Ray, W.Z., & Rodebaugh, T.L. (2023). Using dynamic data to detect early warning signals of persistent opioid use after spine surgery. In Piccirillo, M.L. (Chair), *Using technology to predict substance use, model mechanisms of change, and facilitate treatment* [Symposium]. Collaborative Perspective on Addiction, Albuquerque, NM.
4. **Frumkin, M.R.**, Greenberg, J.K., Xu, Z., Zhang, J., Zhang, J., Javeed, S., Lu, C., Ray, W.Z., & Rodebaugh, T.L. (2023). Improving prediction of spine surgery outcomes using dynamic data. In **Frumkin, M.R.** and Hawks, Z.W. (Chairs), *Leveraging technology in predictive modeling: Promises and challenges* [Symposium]. Association for Psychological Science, Washington, D.C.
5. **Frumkin, M.R.**, Greenberg, J.K., Sullivan, M.J.L., Haroutounian, S., & Rodebaugh, T.L. (2023). Ecological momentary assessment research requires new emphasis on psychometrics: An illustration with the momentary pain catastrophizing scale. In Fried, E. (Chair), *Innovations in improving the validity of ecological momentary assessment* [Symposium]. Association for Psychological Science, Washington, D.C.
6. Mintz, E., Toner, E., Skolnik, A., **Frumkin, M.**, Simon, N., & Robinaugh, D. (2023). Ecological momentary assessment with bereaved adults: Feasibility, acceptability, and reactivity in those with and without prolonged grief [Poster]. Association for Behavioral and Cognitive Therapies Annual Convention, Seattle, WA.

7. **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 E. Fried (Chair), *Integrating ecological momentary assessment and digital phenotype data: Challenges and solutions* [Symposium]. Association for Psychological Science, Chicago, IL.
8. **Frumkin, M.R.** (2022). Beyond fixed effects: Using ambulatory assessment data to assess individual differences. In P. Santangelo (Chair), *Methodological aspects of daily life research in clinical samples* [Symposium]. Society for Ambulatory Assessment, virtual.
9. 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 M.L. Piccirillo (Chair), *Examining variation in the who, what, and when of substance-related risk and outcomes: Implications for clinical science and practice* [Symposium]. Society of Addiction Psychology, Portland, OR.
10. 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* [Conference session]. AO Spine North American Annual Fellows Forum, Banff, AB, Canada.
11. Levitan, J.M., **Frumkin, M.R.**, & Rodebaugh, T.L. (2022). Interviews with clinicians on utility of EMA and personalized (network) models. In F. Bos (Chair), *Implementing EMA in psychiatric care: Illustrating the translational pathway from feedback development to patient and clinician perspectives* [Symposium]. Society for Ambulatory Assessment, virtual.
12. 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 presentation]. Washington University Psychological and Brain Sciences Honors Poster Symposium, St. Louis, MO.
13. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2021). Implementing idiographic methods in the therapy clinic. In J. Burger & E. Dejonckheere (Chairs), *From research method to clinical practice: Possible hurdles and how to overcome them* [Symposium]. Society for Ambulatory Assessment, virtual.
14. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2021). Psychological pain and social anxiety: A conceptual model of social pain theory. In **M.R. Frumkin (Chair)**, *What is psychological pain? A transdiagnostic examination of the nature and correlates of pain affect arising from psychological or social stimuli* [Symposium]. Association for Behavioral and Cognitive Therapies, virtual.
15. **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 **M.R. Frumkin (Chair)**, *Using ecological momentary assessment and personalized modeling to address health-related problems* [Symposium]. Association for Psychological Science.
16. 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 J. Reeves & H. Bosley (Chairs), *Advances in idiographic clinical science: Highlighting the clinical utility of the person-specific approach* [Symposium]. Association for Behavioral and Cognitive Therapies, virtual.

17. **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 presentation]. Association for Behavioral and Cognitive Therapies, virtual.
18. **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 **M.R. Frumkin** & T.L. Rodebaugh (**Chairs**), *Individualized assessment and treatment: What wisdom does ecological momentary assessment offer to clinician and client stakeholders?* [Symposium]. Association for Behavioral and Cognitive Therapies, Atlanta, GA.
19. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2018). *Examining psychological pain and its relationship with depression, interpersonal needs, and social anxiety* [Poster presentation]. Association for Behavioral and Cognitive Therapies, Washington, DC.
20. **Frumkin, M.R.**, Piccirillo, M.L., & Rodebaugh, T.L. (2018). *Pain catastrophizing, psychological pain, and depression represent distinct constructs related to chronic pain* [Poster presentation]. Association for Psychological Science, San Francisco, CA.

TEACHING

Spring 2023	Harvard College , Instructor Independently taught Contemporary Issues in Psychology: Intensive Cross-level Analyses (PSY 971), a sophomore seminar course for psychology concentrators. Received Goethals Teaching Prize for excellence in teaching.
Summer 2021 – Spring 2022	Washington University in St. Louis , Instructor Independently taught First-Year Opportunity: Contemporary Issues in Psychology (PSY102, 2 semesters) and Psychopathology and Mental Health (PSY354, 1 summer session).
Spring 2022	Washington University in St. Louis , Clinical Peer Supervisor Provided supervision to first-year graduate students completing the psychodiagnostic assessment training sequence.
Fall 2020 – Spring 2022	Washington University in St. Louis , Departmental Statistical Consultant Designed and led introductory and advanced workshops in R statistical software for undergraduate and graduate students. Topics included Introduction to R & R Studio, graphing in R, data wrangling in R, and introduction to lavaan.
Fall 2018, Spring 2019, Spring 2020	Washington University in St. Louis , Assistant in Instruction Teaching assistant for Psychotherapy: Introduction to Practice and Research (PSY3501) and Psychopathology and Mental Health (PSY354). Delivered guest lectures, provided grading support, and met 1:1 with students as needed.

CLINICAL EXPERIENCE

2023 – 2024	Massachusetts General Hospital/Harvard Medical School Predoctoral Intern <i>Supervisors: Ana-Maria Vranceanu, Ph.D.; Ryan Mace, Ph.D.</i> Provide individual and group evidence-based treatments for chronic pain and co-occurring problems (e.g., anxiety, depression, mild cognitive impairment); integrate
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individual and dyadic interventions in medical settings (e.g., Neuro ICU); provide individual and group psychotherapy on the inpatient medical psychiatric unit.

- 2021 – 2022 **St. Louis VA Medical Center Integrated Pain Rehabilitation Program**
 Practicum Student | *Supervisor: Rebecca Stout, Ph.D.*
 Provided individual and group psychotherapy in an Intensive Outpatient Program for Veterans with chronic pain and co-occurring problems. Conducted intake assessments and spinal cord stimulator evaluations, co-led group CBT for chronic pain, and provided individual CBT and ACT for pain and related problems (e.g., insomnia, depression).
- 2021 – 2022 **Washington University School of Medicine Siteman Cancer Center**
 Practicum Student | *Supervisor: Amaris Tippey, Ph.D.*
 Provided acceptance- and mindfulness-based interventions for patients with cancer and their caregivers.
- 2019 – 2020 **Washington University School of Medicine Department of Otolaryngology**
 Study Therapist | *Supervisor: Thomas Rodebaugh, Ph.D.*
 Led group cognitive behavioral therapy for tinnitus.
- 2019 – 2020 **Washington University School of Medicine Saturday Neighborhood Health Clinic**
 Volunteer Student Therapist | *Supervisor: Brian Carpenter, Ph.D.*
 Provided brief assessment and intervention in a primary care setting for St. Louis residents without access to insurance.
- 2019 – 2020 **Washington University School of Medicine Perinatal Behavioral Health Service**
 Practicum Student | *Supervisor: Shannon Lenze, Ph.D.*
 Provided individual psychotherapy to pregnant and post-partum women.
- 2017 – 2022 **Washington University in St. Louis Psychological Services Center**
 Student Therapist | *Supervisors: Thomas Rodebaugh, Ph.D.; Bryan Carpenter, Ph.D.; Alice Aslin, Ph.D.; Anat Reschke, Ph.D.*
 Provided weekly individual and couples therapy in a university-based, sliding-scale clinic; conducted neuropsychological assessments for individuals with LD/ADHD and other comorbidities.
- 2014 – 2015 **Veritas Collaborative: Eating Disorder Treatment Center, Durham, NC**
 Therapeutic Assistant | *Supervisor: Jennie Lacy, Ph.D.*
 Provided therapeutic support and dialectical behavior therapy coaching to patients ages 10 to 19 in residential treatment for eating disorders.

SERVICE

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- 2023 – Present Mentor, NextGen Psych Scholars Program
- 2023 – Present Mentor, Quant Family Collective
- 2020 – 2022 Member, Clinical Area Diversity Committee, Washington University in St. Louis
- 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

Nature Digital Medicine; Health Psychology; Psychological Assessment; Mindfulness; Psychological Medicine; Journal of Psychopathology and Behavioral Assessment; Journal of Psychosomatic Research; International Journal of Mental Health; JAMA Otolaryngology; Journal of Biomedical Informatics; Psychological Methods; Journal of Medical Internet Research; PAIN Reports

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2017 – Present	Association for Psychological Science
2018 – Present	Society for the Improvement of Psychological Science
2020 – Present	Society for Ambulatory Assessment
2021 – Present	International Association for the Study of Pain
2021 – Present	US Association for the Study of Pain