# February 3, 2021

## Revised 2/03/2021

## CURRICULUM VITAE Michael F. Armey, Ph.D.

Psychosocial Research Program Butler Hospital 345 Blackstone Boulevard Providence, RI 02906 Office: (401) 455-6384 Fax: (401) 455-6235 Michael_Armey@Brown.edu	
<u>EDUCATION</u> Undergraduate 1995 – 1999	<u>B.A., Kenyon College</u> , Gambier, OH Magna Cum Laude Honors with Distinction in Psychology <u>Thesis:</u> Self-injurious behavior: Escape from the self <u>Minor:</u> Anthropology
Graduate 2001 – 2009	M.A., Clinical Psychology, Kent State University, Kent, OH (2004) <u>Thesis:</u> Construction of an experience sampling measure of ruminative cognitions <u>Ph.D., Clinical Psychology, Kent State University</u> (2009) <u>Dissertation:</u> The influence of traumatic life experiences, affect, cognitions, emotion regulation processes, and coping on the occurrence of self-injurious behavior: An episodic-experiential model <u>Mentor:</u> Janis Crowther, Ph.D.
Clinical Internship 2006 – 2007	Department of Psychiatry and Human Behavior at the Alpert Medical School of Brown University A.P.A. Approved Internship in Clinical Psychology Completed rotations in Dialectical Behavior Therapy, Substance Abuse, and Behavioral Medicine/Pain management
2019	M.A., ad eundem, Brown University, Providence, RI.
<u>POSTGRADUATE TRAINING</u> Research Associate 2007 – 2010	Investigator Initiated Postdoctoral Fellowship in Treatment Development and Suicidology (Ivan W. Miller, Ph.D.)
Postdoctoral Fellowship 2010 – 2012	Alpert Medical School of Brown University Department of Psychiatry and Human Behavior
ACADEMIC APPOINTMENTS 2009 – Present 2012 – 2018	Adjunct Associate Professor, Department of Psychology, Connecticut College Assistant Professor (Research), Department of Psychosocial Research, Warren Alpert Medical School of Brown University

2012 – Present 2018 – Present	Research Psychologist, Butler Hospital Associate Professor (Research), Department of Psychosocial Research, Warren Alpert Medical School of Brown University
2018 – Present	Associate Director, Consortium for Research Innovation in Suicide Prevention (CRISP)
OTHER APPOINTMENTS	
AD HOC REVIEWER	Repeater Therepy, Repeater Research and Therepy, Journal of
	Behavior Therapy, Behavior Research and Therapy, Journal of Abnormal Psychology, Journal of Consulting and Clinical Psychology, Psychiatry Research, Suicide and Life-Threatening Behavior
EDITORIAL BOARD MEMBER	
AD HOC GRANT REVIEW	Behavior Therapy (2014 - 2015)
	NIH Mental Health Services Research Committee (SERV) – February 28 <sup>th</sup> , 2017.
	<ul> <li>NIMH Fellowships and Dissertation Grants – June 19<sup>th</sup>, 2017.</li> <li>NIH Pathway to Independence Awards (K99/R00) – February 24<sup>th</sup> &amp; July 2<sup>nd</sup>, 2017.</li> </ul>
	Secondary Data Analyses to Explore NIMH Research Domain Criteria (R03) – October 25 <sup>th</sup> , 2017.
	Intensive Longitudinal Analysis and Leveraging New Technologies to Understand Health Behaviors (U01 & U24) – March 20 <sup>th</sup> , 2018.
	NIMH Clinical Loan Repayment Program (LRP) grants, 2018 & 2020.
	VA Mental Health and Behavioral Sciences – B, November 28, 2018 & June 7 <sup>th</sup> 2019.
	Computationally-Defined Behaviors in Psychiatry (R21) RFA, NIMH, March 26 <sup>th</sup> , 2019 & March 25 <sup>th</sup> , 2020 (Co-Chair). NCCIH Training and Education Review Panel, November 11 –
	<ul> <li>22, 2019.</li> <li>Fellowships: Epidemiology and Population Sciences, March 5<sup>th</sup> – 6<sup>th</sup>, 2020.</li> </ul>
<b>GRANT REVIEW – STUDY SECT</b>	
	VA Mental Health and Behavioral Sciences – Clinical (MHB-C), Fall 2019 – Fall 2022.
RESEARCH ORGANIZATIONS	
	American Association of Suicidology American Psychological Association
	Association for Behavioral and Cognitive Therapy
HOSPITAL COMMITTEES	
	<ul> <li>Department of Psychiatry and Human Behavior Technology Adoption Committee (2012 – 2014)</li> <li>Department of Psychiatry and Human Behavior – Adult Track Internship Admissions Committee (2013 – Present)</li> <li>Butler Hospital IRB (2017 – Present)</li> </ul>
	Care New England Suicide Prevention Workgroup (2018 – Present)
	Butler Hospital Zero Suicide Taskforce (2018 – Present)

Care New England Behavioral Health Information Security Steering Committee (2018 – Present)

**PUBLICATIONS LIST** 

#### ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

- Angelone, D. M., Hirschman, R., Suniga, S., Armey, M.F., & Armelie, A. (2005). The influence of peer interactions on sexually oriented joke telling. *Sex Roles*, *52*, 187-199. doi: 10.1007/s11199-005-1294-40
- Armey, M.F. & Crowther J. H. (2008). A comparison of linear versus non-linear models of aversive selfawareness, dissociation, and non-suicidal self-injury among young adults. *Journal of Consulting and Clinical Psychology*, 76, 9-14. doi: 10.1037/0022-006X.76.1.9
- Crowther, J. H., Armey, M.F., Luce, K. H., Dalton, G. H., & Leahey, T. (2009). The point prevalence of bulimic disorders from 1990 to 2004. *International Journal of Eating Disorders*. doi: 10.1002/eat.20537
- Armey, M.F., Fresco, D.M., Moore, M.T., Mennin, D.S., Turk, C.L., Heimberg, R.G., Spasojevic, J., & Alloy, L. (2009). Brooding and pondering: Isolating the active ingredients of depressive rumination with exploratory factor analysis and structural equation modeling. *Assessment, 16*, 315-327. doi: 10.1177/1073191109340388
- 5. Epstein-Lubow, G., McBee, L., Darling, E., **Armey, M.F.**, & Miller, I.W. (2011) A pilot investigation of mindfulnessbased stress reduction for caregivers of frail elderly. *Mindfulness*, 2, 95-102. doi: 10.1007/s12671-011-0047-4
- Armey, M.F., Crowther, J.H., & Miller, I.W. (2011). Changes in ecological momentary assessment reported affect associated with episodes of non-suicidal self-injury. *Behavior Therapy*, 42, 579-588. doi: 10.1016/j.beth.2011.01.002
- Armey, M.F., Nugent, N. R., & Crowther, J. H. (2012). An exploratory analysis of situational affect, early life stress, and non-suicidal self-injury in college students. *Journal of Child & Adolescent Trauma*, 5(4), 327 – 343. doi: 10.1080/19361521.2012.719594
- Armey, M.F. (2012). Ecological momentary assessment and intervention in non-suicidal self-injury: A novel approach to treatment. *Journal of Cognitive Psychotherapy*, 26(4), 299-317. doi: 10.1891/0889-8391.26.4.299
- Wenze, S., Armey, M.F., and Miller, I.W. (2014). Feasibility and acceptability of a mobile intervention to improve treatment adherence in bipolar disorder: A pilot study. *Behavior Modification*, 38(4), 497-515. doi: 10.1177/0145445513518421

- Armey, M. F., Schatten, H. T., Haradhvala, N., & Miller, I. W. (2015). Ecological momentary assessment (EMA) of depression-related phenomena. *Current Opinion in Psychology, 4*, 21–25. doi: 10.1016/j.copsyc.2015.01.002
- Gaudiano, B.A., Moitra, E, Ellenberg, S., & Armey, M.F. (2015). The promises and challenges of ecological momentary assessment in schizophrenia: Development of an initial experimental protocol. *Healthcare, 3,* 556– 573. doi: 10.3390/healthcare3030556
- Schatten, H.T., Andover, M.S., & Armey, M.F. (2015). The roles of social stress and decision-making in non-suicidal self-injury. *Psychiatry Research*, 229(3), 983-991. doi: 10.1016/j.psychres.2015.05.087
- Amiri, A. M., Abtahi, M., Rabasco, A., Armey, M., & Mankodiya, K. (2016). Emotional reactivity monitoring using electrodermal activity analysis in individuals with suicidal behaviors. In 2016 10th International Symposium on Medical Information and Communication Technology (ISMICT) (pp. 1-5). IEEE.
- 14. Brown, L.A., Armey, M.F., Sejourne, C., Miller, I.W., & Weinstock, L. (2016). Trauma History is Associated with Prior Suicide Attempt History in Hospitalized Patients with Major Depressive Disorder. *Psychiatry Research, 243,* 191-197. doi: 10.1016/j.psychres.2016.06.046
- Wenze, S.J., Armey, M.F., Weinstock, L.M., Gaudiano, B.A., & Miller, I.W. (2016). An Open Trial of a Smartphone-Assisted, Adjunctive Intervention to Improve Treatment Adherence in Bipolar Disorder. *Journal of Psychiatric Practice, 22*, 492-504. doi: 10.1097/PRA.0000000000000196
- Constant, M., Brick, L., Nugent, N., Armey, M., & Mankodiya, K. (2016). Smartwatch-driven Multisensory Recorder: Design and testing of a smartwatch-based framework to support psychiatric disorders. In 2016 IEEE MIT Undergraduate Research Technology Conference (URTC) (pp. 1-4). IEEE.
- Armey, M.F., Brick, L., Nugent, N.R., Schatten, H.T., & Miller, I.W. (2018). Ecologically assessed affect and suicidal ideation following psychiatric inpatient hospitalization. *General Hospital Psychiatry*. doi: 10.1016/j.genhosppsych.2018.09.008
- Nugent, N.R., Brick, L., Armey, M.F., Tyrka, A.R., Ridout, K.K., Uebelacker, L.A. (2019). Benefits of yoga on IL-6: Findings from a randomized controlled trial of adjunctive yoga for persistent major depression. *Behavioral Medicine*, 1-10. doi: 10.1080/08964289.2019.1604489
- Nugent, N.R., Pendse, S., Schatten, H. T., & Armey, M.F. (2019). Innovations in Technology and Mechanisms of Change in Behavioral Interventions. *Behavioral Modification*, 0145445519845603

- Schatten, H.T., Gaudiano, B.A., Primack, J.M., Arias, S.A., Armey, M.F., Miller, I.W., Epstein-Lubow, G., & Weinstock, L.M. (in press). Monitoring, Assessing, and Responding to Suicide Risk in Clinical Research. *Journal of Abnormal Psychology*.
- 21. Brown, L.A., Boudreaux, E.D., Arias, S.A., Miller, I.W., Goldstein, A.B., Sullivan, A.F., Allen, M.F., Manton, A.P., Camargo, C.A., & Armey, M.F. (Accepted). C-SSRS Performance in Patients with High Suicide Risk: Psychometric Properties in an Emergency Department Sample. *Suicide and Life-Threatening Behavior*. doi: 10.1111/sltb.12657
- 22. Kudinova, A., Brick, L., Jenkins, G. A., Gilbert, A. C., Barthelemy, C., DeYoung, L., MacPherson, H., Radoeva, P., Armey M.F. & Dickstein, D. P. (2019, December). Trait Irritability is Associated With Greater Levels of Negative and Lower Levels of Positive Mood Assessed via Ecological Momentary Assessment Technology in Youth. In *Neuropsycopharmacology*, 44, No. SUPPL 1, 228-229).
- Rizzo, C. J., Collibee, C., Nugent, N. R., & Armey, M. F. (2019). Let's get digital: Understanding adolescent romantic relationships using naturalistic assessments of digital communication. *Child development perspectives*, *13*(2), 104-109.
- 24. Sheets, E.S. & **Armey**, **M.F.** (2020). Daily interpersonal and noninterpersonal stress reactivity in current and remitted depression. *Cognitive Therapy and Research*, 44, 774 787. doi: https://doi.org/10.1007/s10608-020-10096-2
- Massachi, T, Fong, G., Mathur, V., Pendse, S.R., Hoefer, G., Fu, J.J., Wang, C., Ramoji, N., Nugent, N.R., Ranney, M.L., Dickstein, D.P., Armey, M.F., Pavlick, E., & Huang, J. (2020). Sochiatrist: Signals of Affect in Messaging Data. *Proceedings* of the ACM: Human Computer Interaction (PACM HCI).
- Barredo, J., Bozzay, B., Primack, J., Schatten, H., Armey, M.F., Carpenter, L. L., & Phillip., N.S. (2021). Translating interventional neuroscience to suicide: It's about time. *Biological Psychiatry*.

## BOOKS AND BOOK CHAPTERS

 Schatten, H.T., Allen, K.J.D., & Armey, M.F. (2019) Assessment of emotion dysregulation using ecological momentary assessment. In T.P. Beauchaine & S.E. Crowell (Eds.), *The Oxford Handbook of Emotion Dysregulation*. Oxford University Press.

### PUBLICATIONS SUBMITTED

 Allen, K.J.D., Bozzay, M.L., Armey, M.F., Nugent N.R., Miller, I.W., & Schatten, H.T. (under review). Childhood trauma, emotional response inhibition, and suicide in psychiatric inpatients.

- Arias, S., Prince, M., Miller, I.W., Boudreaux, E., Camargo, C., Armey, M.F., & Schatten, H.T. (Under Review). Factors associated with suicidal ideation severity trajectories oneyear after emergency department discharge. *Suicide and life threatening behavior*.
- 3. Brick, L., Nugent, N. R., & **Armey, M.F.** (under review). Affective variability and childhood abuse increases risk for non-suicidal self-injury following psychiatric hospitalization. *Journal of Affective Science.*
- Kudinova, A. Y., Brick, L. A., Barthelemy, C. M., MacPherson, H. A., Jenkins, G. A.; DeYoung, L. L. A., Gilbert, A. C.; Radoeva, P. D., Kim, K. L.; **Armey, M. F.**, & Dickstein, D. P. (under review). Sex moderates the link between recent suicidal ideation and feelings of guilt in children and adolescents. *Journal of Abnormal Child Psychology.*
- Primack, J.M., Armey, M., Bozzay, M.L., Barredo, J., Holman, C., & Schatten, H. (under review; invited manuscript). Feasibility and acceptability of the Mobile App for the Prevention of Suicide (MAPS). *Journal of Military Psychology.*
- Schatten, H.T., Carl, E.W., Allen, K.J.D., Miller, I.W., & Armey, M.F. (under review). Evaluating the latrogenic Effects of a Suicide-Focused Research Protocol: The Assessment Session Check-In (ASCI)
- Stasak, B., Epps, J., Schatten, H.T., Miller, I.W., Mower Provost, E., Armey, M.F. (under review). Read Speech Voice Quality and Disfluency in Individuals with Recent Suicidal Ideation or Suicide Attempt. Speech Communication.

### PUBLICATIONS IN PREPARATION

- 1. **Armey, M.F.**, A non-linear, multimethod, overdetermined model of suicide risk.
- Armey, M.F., Fisher, J., Spirito, A., Miller, I.W., Rasmussen, S., Schatten, H.T., Wolf, J., Primack, J., Ranney, M., Nugent, N.R., & Yen, S. Development of an empirically-supported application for the detection and intervention of suicide risk.
- Armey, M.F., Miller, I.W., Nugent, N.R., Knopik, V., McGeary, J. Design and Implementation of The Understanding Suicide Study.
- 4. **Armey, M.F.**, Nugent, N.R., Schatten, H.T., & Miller, I.W. Anger emotional and physiological reactivity prospectively predict suicidal behavior following hospital discharge.
- Armey, M.F., Schatten, H.T., Miller, I.W., & Mower-Provost, E. Prosodic features of speech differentiate patients at risk for suicide: The voice stress analysis paradigm (VSAP).
- 6. **Armey, M.F.**, Sorgi, K., Schatten, H.T., Miller, I.W., & Schofield, C. A. Self-efficacy to select mental health treatment predicts suicidal ideation and behavior following hospital discharge.
- 7. Armey, M.F., Wells, T., Schofield, C.A., Nock, M.K., & Miller, I.W. A novel eye tracking task prospectively predicts suicide risk in high-risk psychiatric inpatients.

### ABSTRACTS PRESENTATIONS

- Fresco, D. M., Armey, M.F., Mennin, D. S., Holaway, R. M., & Heimberg, R. G. (2004). Emotion dysregulation in generalized anxiety disorder: The relationship of worry and brooding. In J. Joorman & J. Rottenberg (Chairs). Emotion and its (dys)-regulation in depression and generalized anxiety disorder: The role of rumination and autobiographical recall. Paper presented at the 38<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. New Orleans, Louisiana.
- Weinstock, L., Armey, M.F., & Miller, I. W. (2008). Bipolar disorder: Biopsychosocial approaches to understanding mood disturbance. Paper presented at the 42<sup>nd</sup> annual convention of the Association for Behavior and Cognitive Therapy, Orlando, FL.
- Miller, I.W. & Armey, M.F. (2008). Extreme responding as a predictor of acute treatment response in severely depressed patients. Paper presented at the 42<sup>nd</sup> annual convention of the Association for Behavior and Cognitive Therapy, Orlando, FL.
- 4. Armey, M.F. & Crowther, J., & Miller, I. W. (2010). Changes in ecological momentary assessment reported affect over time demonstrating the functional nature of nonsuicidal self-injury. Paper presented at the 44<sup>th</sup>annual convention of the Association for Behavior and Cognitive Therapy, San Francisco, CA.
- Armey, M.F. (2011). Ecological momentary intervention in non-suicidal self-injury: A novel approach to treatment. Talk presented at the 5<sup>th</sup> annual convention of the International Association for Self-Injury Studies. New York, NY.
- Armey, M.F., Schofield, C.A., & Miller, I.W. (2012). Response time to emotion words as a predictor of future self-injury episode severity. Talk presented at the 6<sup>th</sup> annual convention of the International Association for Self-Injury Studies. Chapel Hill, NC.
- Auerbach, R., Millner, A., Wolff, J., Giletta, M., Glenn, C., Nock, M., & Armey, M. F. (2013) New Directions in the Understanding, Prediction, and Treatment of Suicidal Behaviors. Symposium discussant at the 47<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Nashville, TN.
- Miller, I.W., Gaudiano, B., Weinstock, L. M., & Armey, M.F. (2013). A New Intervention to Reduce Suicidal Behavior: Coping Long-Term With Active Suicide Program. Symposium presented at the 47<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Nashville, TN.

- Bentley, K.H., Nock, M., Shingleton, R., Thompson-Brenner, H., Palfai, T.P., Barlow, D.H., Tahaney, K., Goodness, T., O'Brien, L., Franklin, J.C., Puzia, M., ; Lee, K., Fox, K.R., Prinstein, M.J., **Armey, M.F.**, Nugent, N.R., Knopik, V., McGeary, J.E., Schofield, C.A., Wells, T.T., Price, L.H., & Miller, I. (2014). Utilizing Technology to Advance Treatment for the Range of Direct and Indirect Self-Injurious Behaviors. Presentation, "Two Novel Technology-Driven Approaches to the Assessment of Suicide Risk: The US-TREAT and BEST Studies" accepted for presentation at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- 10. Sheets, E. S., & **Armey, M. F.** (2014). Daily stress event reactivity and daily stress generation in current and remitted major depression. Paper session presented at the annual meeting of the New England Psychological Association, Lewiston, ME.
- 11. Sheets, E. S. & Armey, M. F. (2014). Stress reactivity as trait or state? Daily stress event reactivity in current and remitted major depression. In J. Shih (Chair), Reciprocal impact of stress and depression: Taking a closer look at stress type, stress domain, and stress reactivity. Symposium presented at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- 12. Shih, J., Hammen, C., Stroud, C.B., Vrshek-Schallhorn, S., Feurer, C., Gibb, B., Sheets, E., Armey, M.F., Mazurka, R., Wynne-Edwards, K.E., & Harkness, K. (2014). Reciprocal Impact of Stress and Depression: Taking a Closer Look at Stress Type, Stress Domain, and Stress Reactivity. Symposium presented at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- 13. Moitra, E., Gaudiano, B., Davis, C., & Armey, M.F. (2016). Using mobile technology to examine contextual predictors of outcomes in individuals experiencing psychosis following a hospital discharge. Symposium accepted for presentation at the Association for Contextual Behavioral Science meeting in Seattle, WA.
- 14. Armey, M.F., Nugent, N.R., Knopik, V.S., McGeary, J.E., Price, L., Schatten, H.T., & Miller, I.W. (2016). Ecological Momentary Assessment of Affect, Cognition, and Suicidal Ideation and Behavior in a High-Risk Psychiatric Inpatient Sample. Symposium presented at the 50<sup>th</sup> annual meeting of the Association of Behavioral and Cognitive Therapies, New York, NY.

- 15. **Armey, M.F.**, Nugent, N.R., Knopik, V.S., McGeary, J.E., Price, L., Schatten, H.T., & Miller, I.W. (2016). Latent profile models of laboratory-evoked emotion reactivity in suicidal patients. Symposium presented at the 50<sup>th</sup> annual meeting of the Association of Behavioral and Cognitive Therapies, New York, NY.
- 16. Sheets, E.S., & Armey, M.F. (2016). Lonely no more: Identifying the affective benefits of social interaction in current and remitted major depression. Symposium presented at the 50<sup>th</sup> annual meeting of the Association of Behavioral and Cognitive Therapies, New York, NY.
- 17. Dickstein, D.P., Kim, K.L., Christensen, L.I., Kasoff, A.R., Thomas, S., & Armey, M.F. (2017). Mechanisms Matter: Identifying Brain/Behavior Mechanisms Underlying Irritability in Children. Symposium submitted to the 64<sup>th</sup> annual meeting of the American Academy of Child and Adolescent Psychiatry, Washington, D.C.
- 18. Nugent, N., Brick, L., Forkus, S., & Armey, M.F. (2017). In Vivo Experienced Loneliness and Hopelessness in Adolescents Discharged from Psychiatric Hospitalization for Suicidal Thought and Behaviors. Symposium presented to the 33<sup>rd</sup> annual meeting of the International Society for Traumatic Stress Studies meeting in Chicago, IL.
- Armey, M.F., Schofield, C.A., Wells, T.T., Schatten, H.T., Nock, M.K., Price, L.H., & Miller, I.W. (2017). Novel measures of implicit suicide risk in psychiatric inpatients. Symposium presented at the 51<sup>st</sup> annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
- 20. Allen, K. J. D., Schatten, H. T., Armey, M. F., & Hooley, J. M. (2018, November). The Emotional Stop-Signal Task: An innovative tool to assess negative urgency in self-destructive behaviors. In K. J. D. Allen (chair), Novel research approaches to self-destructive behaviors and associated psychopathology. Paper presented at the 52nd Annual Convention of the Association for Behavioral and Cognitive Therapies. Washington, D.C. Role: Discussant.
- 21. Pendse, S., Fong, G., Fu, J., Ramoji, N., Nugent, N.R., Armey, M.F., Dickstein, D., Ranney, M., and Huang, J. Sochiatrist: Inferring the Relationship Between Emotion and Messaging Data. Submitted for publication in Proceedings of the SIGCHI conference on human factors in computing systems, ACM (2019).

- 22. Armey, M.F., & Brick, L. (2019, November). Ecological Momentary Assessed Repetitive Negative Thinking Predicts Experienced Suicidal Ideation Following Psychiatric Hospitalization. In K. J. D. Allen (chair), Cognition and Emotion in Self-injury and Suicide: Evidence for Novel State and Trait Risk Markers Using Objective Assessment Methods and Intensive Longitudinal Designs. Paper presented at the 53rd Annual Convention of the Association for Behavioral and Cognitive Therapies. Atlanta, GA.
- 23. Kudinova, A.Y., Brick, L., Jenkins, G.A., Gilbert, A.C., Barthelemy, C., DeYoung, L., MacPherson, H.A., Radoeva, P.D., Armey, M.F., and Dickstein, D.P. (2019, December). *Trait irritability is associated with greater levels of negative and lower levels of positive mood assessed via ecological momentary assessment technology in youth.* Poster to be presented at the annual meeting for the American College of Neuropsychopharmacology (ACNP) in Orlando, FL.
- Brick, L.A., Nugent, N.R., & Armey, M.F. (2020). Affect variability and childhood trauma increase risk for non-suicidal self-injury following psychiatric hospitalization. Paper submitted for presentation at the Modern Modeling Methods (M3) Conference in Storrs, CT.

#### **POSTERS**

- Angelone, D.J., Suniga, S., Hirschman, R., Armey, M.F., & Armelie, A. (2002). Peer pressure and defensiveness: Peer sexual harassment in the context of the person X situation model. Poster presented at the 36<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. Reno, Nevada.
- Armey, M.F., Crowther, J., Fenigstein, A., & Levine, M. (2002). Rumination and aversive self-awareness as predictors of self-harm. Poster presented at the 36<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. Reno, Nevada.
- Fresco, D. M., Turk, C. L., Mennin, D. S., Heimberg, R. G., & Armey, M.F. (2002.) The association of rumination to GAD and deficits to in emotion regulation. Poster presented at the 36<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. Reno, Nevada.
- 4. Armey, M.F. & Crowther, J. (2003). Assessing reactivity in the measurement of experienced ruminative cognitions. Poster presented at the 37<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. Boston, Massachusetts.

- Armey, M.F. & Crowther, J. (2004). Construction of an experience sampling measure of ruminative cognitions. Poster presented at the 38<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. New Orleans, Louisiana.
- Armey, M.F., Fresco, D., Rottenberg, J., Gotlib, I., & Gross, J. (2004). Further psychometric refinement of depressive rumination: Support for the brooding and pondering factor solution. Poster presented at the 38<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. New Orleans, Louisiana.
- 7. Haigh, E. A. P., Armey, M.F., Fresco, D. M., Auerbach, R., Abela, J. R. Z. (2004). Brooding and pondering: Isolating the active ingredients of depressive rumination with confirmatory factor analysis in an adult clinical sample. Poster presented at the 38<sup>th</sup> annual convention of the Association for the Advancement of Behavior Therapy. New Orleans, Louisiana.
- Armey, M.F. & Crowther, J. (2005). Acknowledged behavioral function as a mediator of the association between aversive self-awareness and self-injury. Poster presented at the 39<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy. Washington, DC.
- Armey, M.F. & Crowther, J. (2006). Gender differences in correlates of the Deliberate Self-Harm Inventory. Poster resented at the 40<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Chicago IL.
- 10. **Armey, M.F.** & Crowther, J. (2010). Prediction of nonsuicidal self-injury episodes through the combined use of questionnaires and ecological momentary assessments of affect. Poster presented at the 44<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, San Francisco, CA.
- 11. Armey, M.F. & Nugent, N. (2010). Situationally experienced affect as a moderator of the association between early life stress and non-suicidal self-injury. Poster presented at the 44<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, San Francisco, CA.
- 12. Weinstock, L., Armey, M.F., at al., (2012). Empirically Derived Subgroups of Youth with Bipolar Disorder Not Otherwise Specified (BPNOS): A Latent Class Analysis of Mania and Co-Occurring Symptoms." Poster presented at the 59<sup>th</sup> Annual Meeting of the American Academy of Child and Adolescent Psychiatry.

- Wenze, S., Armey, M.F., & Miller, I.W. (2013). Pharmacotherapy and Treatment Concerns in Bipolar Disorder: An Experience Sampling Study. Poster presented at the 47<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Nashville, TN.
- 14. Carl, E.C., Karnedy, C., Haradhvala, N., Coppersmith, D., Miller, I.W., & Armey, M. F. (2014). Utility of nonsuicidal self-injury frequency data for the prediction of proximal suicidal behavior. Poster presented at the 9<sup>th</sup> annual conference of the International Society for the Study of Self-Injury (ISSS), Chicago, IL.
- 15. Haradhvala, N. M., Carl, E. C., Karnedy, C. J., Coppersmith, D., Miller, I.W., & Armey, M. F. (2014). Frequency of non-suicidal self-injury in a psychiatric inpatient population: associations with early readmission. Poster presented at the 9<sup>th</sup> annual conference of the International Society for the Study of Self-Injury (ISSS), Chicago, IL.
- 16. Karnedy, C., Haradhvala, N., Carl, E.C., Coppersmith, D., Miller, I.W., & Armey, M. F. (2014). Self-reported impulsivity and non-suicidal self-injury in psychiatric inpatients. Poster presented at the 9<sup>th</sup> annual conference of the International Society for the Study of Self-Injury (ISSS), Chicago, IL.
- Carl, E.C., Haradhvala, N.M., Karnedy, C.J., Coppersmith, D., Miller, I.W., & Armey, M.F. (2014). Prediction of Suicidal Behavior Using Past Month Frequency of Nonsuicidal Self-Injury in an Inpatient Suicidal Sample. Poster accepted for presentation at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- 18. Karnedy, C.J., Carl, E.C., Haradhvala, N.M., Coppersmith, D., Miller, I.W., & Armey, M.F. (2014). Characteristics of Columbia Suicide Severity Rating Scale Assessed Suicidal Ideation and Behavior in Psychiatric Inpatients. Poster accepted for presentation at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- Haradhvala, N.M., Karnedy, C.J., Carl, E.C., Davis, T., Miller,I.W., & Armey, M.F. (2014). Emotional Awareness During a Stressful Task in Patients Reporting Suicidal Ideation and Attempts. Poster accepted for presentation at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- 20. Sheets, E. S. & **Armey, M. F.** (2014). Lonely no more: Recognizing the affective benefits of social interaction in current and remitted major depression. Poster session presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.

- Sheets, E. S., Armey, M., & Ray, L. (2014). Emotion in daily life: Similarities between currently and previously depressed emerging adults. Poster session presented at the inaugural conference of the Society for Affective Science, Bethesda, MD.
- 22. Wenze, S., Armey, M.F., & Miller, I.W. (2014). An Adjunctive, Smartphone-Assisted Intervention to Increase Treatment Adherence in Bipolar Disorder: Open Trial Results. Poster accepted for presentation at the 48<sup>th</sup> annual convention of the Association for Behavior and Cognitive Therapy, Philadelphia, PA.
- 23. Sheets, E. S., & Armey, M. F. (2015). Daily stress event reactivity in currently and previously depressed college students. Poster accepted for presentation at the annual University of Michigan Depression on College Campuses Conference, Ann Arbor, MI.
- 24. Sheets, E.S., & **Armey**, **M.F.** (2015). Daily interpersonal and noninterpersonal stress reactivity in current and remitted depression. Poster accepted for presentation at the annual meeting of the Society for Affective Science, Oakland, CA.
- 25. Schatten, H.T., Mower Provost, E., Armey, M.F., Miller, I. W., Singh, S., & McInnis, M.G. (2015). Using speech patterns to distinguish between psychiatric inpatients admitted for suicidal ideation and suicide attempts. Poster presented at the 49<sup>th</sup> annual meeting of the Association for Behavior and Cognitive Therapy, Chicago, IL.
- 26. Sheets, E.S., & Armey, M.F. (2016). Differences in daily interpersonal and noninterpersonal stress reactivity in current and remitted depression. Poster accepted for presentation at the annual meeting of the Anxiety and Depression Association of America conference in Philadelphia, PA.
- Sorgi, K., Rabasco, A., López Jr., R., Schatten, H., Miller, I., & Armey, M.F. (2016). Emotion dysregulation as a mediator between impulsivity and non-suicidal selfinjury. Poster to be presented at the 56th New England Psychological Association Meeting. Worcester, MA.
- Lopez Jr., R., Sorgi, K., Rabasco, A., Randall, A., Schatten, H., Miller, I., & Armey, M. (2017). The Impact of nonsuicidal self-injury versatility on suicidality. Poster accepted for presentation at the ISSS 12<sup>th</sup> Annual Conference; Philadelphia, PA.
- Allen, K. J. D., Armey, M. F., Schatten, H. T., & Hooley, J. M. (2018, September). Impaired negative emotional response inhibition: A cognitive mechanism supporting negative urgency in nonsuicidal self-injury. Poster to be presented at the 32nd Annual Meeting of the Society for Research in Psychopathology, Indianapolis, IN.

- Allen, K. J. D., Armey, M. F., Schatten, H. T., & Hooley, J. M. (2018, November). Impaired negative emotional response inhibition is associated with suicidal ideation in a high-risk community sample. Poster to be presented at the 52nd Annual Convention of the Association for Behavioral and Cognitive Therapies. Washington, D.C.
- 1. Changes in ecological momentary assessment reported affect associated with episodes of non-suicidal selfinjury. Talk presented October, 2010 at Suffolk University, Boston, MA.
- Ecological momentary intervention in Non-Suicidal Self-Injury. Talk presented December, 2012 at Bradley Hospital, Providence, RI.
- Ecological momentary assessment data management and analysis using growth curve methods. Talk presented September 18<sup>th</sup>, 2013 at the Decisions Research Institute, Pawtucket, RI.
- Self-injurious thoughts and behaviors. Talk presented September 23<sup>rd</sup>, 2013 at Butler Hospital, Providence, RI.
- Non-suicidal self-injury: Definitions, theory, etiology, & research. February 20<sup>th</sup>, 2014 & February 26<sup>th</sup>, 2015 at Butler Hospital, Providence, RI.
- Leveraging Research Domain Criteria (RDoC) methods and advanced analytic approaches to better predict suicide risk. January 30<sup>th</sup>, 2018 at the Providence, RI VAMC.
- Risk assessment of suicidal ideation and behavior. April 12<sup>th</sup>, 2018 at Butler Hospital, Providence, RI. March 20<sup>st</sup>, 2019 at Women and Infants' Hospital, Providence, RI. March 22<sup>nd</sup>, 2019 at Kent Hospital, Warwick, RI.
- Novel multimethod approaches and statistical techniques in the prediction of suicide risk. Co-presented with Leslie Brick, Ph.D. October 25<sup>th</sup>, 2018 at the Carney Institute for Brain Science, Brown University, Providence, RI.
- Risk assessment of suicidal ideation and behavior: Language and documentation. Grand Rounds presented June 19<sup>th</sup>, 2020, at Women and Infants Hospital, Providence, RI.
- Novel methods and technologies to predict self-injurious thoughts and behaviors. Grand Rounds presented January 6<sup>th</sup>, 2021 at Butler Hospital for the Department of Psychiatry and Human Behavior at the Alpert Medical School of Brown University. 247 attended.

NATIONAL

 Smart devices in psychiatric research: Hype or Revolution? October 14<sup>th</sup>, 2015, at the NIH Wireless Health 2015 Conference, Bethesda, MD.

#### INVITED TALKS REGIONAL

- Where [could] we go from here? From research towards intervention. June 3<sup>rd</sup>, 2016 at the NIMH Mechanisms Underlying Suicide Risk: Integrating RDoC to Inform Novel and Personalized Interventions conference, Bethesda, MD.
- Ecological and ambulatory assessment of suicide risk: Preliminary evidence and future directions. November 8<sup>th</sup>, 2017 at the IASR/AFSP International Summit on Suicide Research in Henderson, NV.
- 1. American Psychological Association Dissertation Research Award (2005). \$1000
- Armey, M.F., & Miller, I.W. Multi-Method Assessment of Emotion Reactivity: Translational Research in Suicide (R01MH095786). Role: PI. \$2,323,141. 7/17/12 – 2/28/18.
- Armey, M.F., & Miller, I.W. The Electronic Intervention for Suicide (EIS). Young Investigator Grant. American Foundation for Suicide Prevention. Role: PI. \$84,027.2013 – present.
- Armey, M.F., & Miller, I.W. Behavioral and Ecological Suicide Tracking (R01MH097741). Role: PI. \$1,725,867. 6/20/13 – 3/31/19.
- Dickstein, D. Development and Pilot Study of an Innovative, Real-world Measure of Mood and Behavior in Pediatric Bipolar Disorder. Lifespan Medical Group Grant. Role: Co-I. \$20,000. 2013 - 2014.
- Gaudiano, B. & Moitra, E. Technology-Assisted Assessment of Post-Hospital Adherence in Schizophrenia (R21MH102000). Role: Co-I. \$420,188. 7/19/13 – 6/30/15.
- Nugent N. Biomarkers, social, and affective predictors of suicidal thoughts and behaviors in adolescents (R01MH105379). Role: Co-I. \$3,230,458. 3/1/15 – 2/28/21.
- 8. Miller, I.W. Evaluation of the "Coping Long Term with Active Suicide Program" (R01MH101129). \$553,237 in FY2017. Role: Co-I. 9/6/14 – 3/31/19.
- Schatten, H. & Miller, I. Predicting Suicide: A Longitudinal Analysis of Speech Patterns in a High Risk Sample (R01MH108610). Role: Co-I. \$3,368,460. 7/01/16 - 6/30/21.
- 10. Nugent, N. Understanding the interplay of social context and physiology on psychological outcomes in traumaexposed adolescents (R01MH108641). \$3,330,063 Role: Consultant. 7/1/16 – 3/31/21.
- Dickstein, D. Non-suicidal self-injury in children: Brain/behavior alterations and risk for suicidal behavior (R01MH110379). \$490,548 in direct costs. Role: Co-I. 3/22/17 – 2/28/22.

# **INTERNATIONAL**

### GRANTS FUNDED

- 12. Dickstein, D. Brain/behavior interactions underlying Irritability in children (R01MH111542). \$548,901 in total costs. Role: Co-I. 1/12/17 - 11/30/21.
- Armey, M.F. Functional imaging study of cortico-limbic predictors of emotion regulation, emotion reactivity, and risk for suicidal ideation and behavior (R01MH112674).
   \$2,873,072. Role: PI. 8/9/17 – 5/31/22.
- Malle, B. Next-Generation Robotic Intelligence that Provides Psycho-Social Support for Older Adults (NSF).
   \$999,803. Role: Co-PI. 8/15/17 – 7/31/22.
- Gaudiano, B. & Moitra, E. Mobile After-Care Support Intervention for Patients with Schizophrenia following Hospitalization (R34MH115144-01A1). \$245,797. Role: Co-I. 7/10/18 – 4/30/20.
- Shorey, R. & Stewart, G. Ecological momentary assessment of alcohol-related intimate partner violence among young adult drinkers (R21AA026630-01A1). \$232,336. Role: Consultant.
- 17. Rizzo, C. Dating violence perpetration among juvenile justice youth: The role of social, behavioral, and ecological processes (R01HD095932-01A1). \$441,236. Role: Co-I.
- Primack, J.M. & McGeary, J. Longitudinal assessment of the sleep-suicide link in veterans discharged from inpatient psychiatric care (VA Merit). Role: Co-I.
- 19. Primack, J. Mobile App for the prevention of Suicide: Acceptability and Feasibility (VA `). Role: Co-I.
- Armey, M.F. & Bozzay, M. Dynamic Impacts of Sleep Disruption on Ecologically Assessed Affective, Behavioral, and Cognitive Risk Factors for Suicide (R01MH124832-01).
   \$2,240,000. Role: MPI.
- Brown, L. Nocturnal wakefulness, cognitive control, and suicidal urges: Prospective evaluation of variance during residential treatment (R21MH123888). \$202,761. Role: Consultant.
- Bozzay, M. & Armey, M.F. Sleep and daily functioning dynamically impact short-term suicide risk in Veterans (VA Merit). Role: MPI.
- 2. Schatten, H.T. & **Armey, M.F.** Proximal and mechanistic predictors of suicidal ideation and behavior using ecological momentary assessment, digital phenotyping, and laboratory-based measures of cognition and affect (R01). Role: MPI.
- Schatten, H.T. Feasibility, acceptability, and efficacy of a novel personalized mobile treatment for suicide (R34). Role: Co-I.
- Armey, M.F., Hughes, C., & Schatten, H.T. Ecological momentary assessment of proximal risk factors for suicide during care transitions. Role: MPI

**IN REVISION** 

#### IN REVIEW

<ol> <li>A mixed methods approach to implicit and explicit identification with NSSI. Funded (2014) F31 application by Stephanie Jarvi. Role: Co-Mentor.</li> <li>Understanding depression and suicide in Ethiopia. Royce Fellowship completed by Daniel Coppersmith. Role: Mentor. Summer 2014.</li> <li>Smartphone-based digital phenotyping to detect high-risk affect states in body dysmorphic disorder. Funded (2019; K23 MH119372) by Hilary Weingarden, Ph.D. Role: Co-Mentor.</li> </ol>
Clinical Research Loan Repayment Program Award (2014 – 2016, 2017 – 2018, & 2019 - 2020)
emester course sections as primary instructor)
Teaching Fellow (n = 11) Quantitative Methods 1 (Fall 2003, Summer 2004 & 2005, & Spring 2006) Quantitative Methods 2 (Spring 2004 & 2005) Introduction to Personality (Summer 2003) Psychological Interventions (Fall 2004) Writing in Psychology (Spring 2004 & 2005 & Fall 2004)
<u>whiting in Fsychology</u> (Spring 2004 & 2003 & Pail 2004)
Visiting Adjunct Assistant Professor (n = 24) Advanced Psychological Statistics (Fall 2009 & 2013) Cognitive Behavior Therapy (Spring 2010 & 2013 & Fall 2011, 2013 - 2020) Models of Intervention (Spring 2012 & 2014 - 2016) Self-Destructive Behavior (Spring 2017 - 2021) Social Psychology (Spring 2011 & Fall 2012)
Summer Science Instructor (n = 14) <u>Introduction to Clinical Psychology (2 week)</u> (2011 – 2013; 1 section & 2014; 2 sections) <u>Introduction to Clinical Psychology (3 week</u> ) (2015 – 2017; 2 sections, 2018 & 2019; 1 section) Introduction to Clinical Psychology (6 week online) (2020)
<u>And HUMAN BEHAVIOR – BROWN UNIVERSITY</u> Assistant & Associate Professor <u>Adult track seminar in NSSI (1 class/year)</u> (2013 – 2020) <u>Adult track seminar in Technology for Research and Intervention</u> <u>(1 class/year)</u> (2018 - 2020) <u>Adult track Grant Seminar - Outside reviewer</u> (2016 & 2018 – 2019)

# OTHER SKILLS

PHP, Simkin, Javascript, C, VBasic, Python, & Arduino Wire Webdesign, QNAP QTS, and server administration Statistical Analysis with SPSS, MPlus, Stata, & R E-Prime Tobii Studio Acqknowledge Level 1 fMRI certification