

# J O S H U A E . C U R T I S S

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**Northeastern University** | Institute for Cognitive and Brain Health | Department of Applied Psychology  
622 ISEC, 805 Columbus Ave., Boston, MA 02120

**Massachusetts General Hospital / Harvard Medical School**  
Depression Clinical and Research Program | Department of Psychiatry

## ACADEMIC APPOINTMENTS

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**Northeastern University** July 2023 – Present  
Assistant Professor, Department of Applied Psychology  
Faculty, Institute for Cognitive and Brain Health  
Affiliate Faculty, Psychology

**Massachusetts General Hospital** July 2023 – Present  
Research Associate in Psychiatry, Depression Clinical and Research Program (DCRP)

## EDUCATION & TRAINING

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**Harvard Medical School / Massachusetts General Hospital** July 2020 – June 2023  
*Post-Doctoral Fellowship in Psychiatry*

**Harvard Medical School / Massachusetts General Hospital** July 2019 – June 2020  
*Pre-Doctoral Clinical Psychology Internship*

**Boston University** June 2020  
*Ph.D., Clinical Psychology*

**Boston University** June 2015  
*M.A., Clinical Psychology*

**Yale University, Yale Center for Anxiety and Mood Disorders** June 2012 – Aug 2015  
*Statistician and Data Analyst*

**Rutgers University, SAS Honors Program** May 2012  
*B.A. Honors Psychology (4.0/4.0) | B.A. Philosophy | B.A. Cognitive Science*  
Honors Thesis: “Second Order False Belief Reasoning in 4-year-olds”

## L I C E N S U R E

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**Licensed Psychologist** — Commonwealth of Massachusetts January 2026 – Present

## G R A N T F U N D I N G : O N G O I N G

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**Functional Communication Frontier Science Hub Anchor Project** 2026–2031  
Aligning Research to Impact Autism | Role: Co-Investigator (“Biostatistics and Longitudinal Modeling Lead”) |  
\$25,136,360  
*This project will examine multi-modal, longitudinal trajectories of autism symptomatology in non-verbal autistic children.*  
PI: Kristina Johnson & Meghan Swanson

Status: Awarded, finalizing contract

**Forecasting emotional disorder symptoms: A dynamical systems and time-series machine learning approach** 2024–2029

NIH/NIMH; K23 MH132896-01A1 | Role: Primary Investigator | \$940,949

*This project will use time-series forecasting and machine learning to determine whether early warning signals from dynamical systems theory can predict future temporal symptoms of depression and anxiety using time-series affect and passive sensor data.*

**Creative Systems: Mapping Flow, Resilience, and Personality in Human–AI Collaboration** 2025–2026

Northeastern University; Phase 1 Creative Catalyst Seed Grant | Role: Co-Primary Investigator (with James Gutierrez and William Sharp) | \$2,500

*This project will examine how AI-assisted creativity shapes flow states.*

**Bridging modern computational psychology and neuroscience research practices for mental health applications** 2025–2026

Northeastern University; Mutual Mentoring Advancement Program (M2AP) | Role: Co-Primary Investigator (with Stephanie Noble) | \$3,000

*This project will provide support for a mutual mentoring structure to foster collaborations in computational psychology and neuroscience.*

**A Precision Medicine Framework for Predicting Future Suicidal Ideation in Adolescents with Emotional Disorders: A Multimodal, Machine Learning Approach** 2024–2026

Institute for Cognitive and Brain Health; Seed Grant | Role: Co-Primary Investigator (with Stephanie Noble) | \$75,000

*This project will use machine learning to examine longitudinal predictors of suicidal ideation outcomes in adolescent patients with depression and anxiety using behavioral and fMRI data.*

Co-I: Susan Whitfield-Gabrieli

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**G R A N T F U N D I N G : S U B M I T T E D**

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**Personalized machine learning forecasting of brain and behavior recovery after motor impairment** Under Submission

NIH/NIMH; R21 | Role: Primary Investigator | \$640,000

*This project will develop personalized machine learning algorithms to forecast future symptom trajectories of motor recovery using multimodal time-series data.*

**Empirical benchmarking of sample size requirements for machine learning in psychology** Under Submission

NIH/NIMH; R01 | Role: Co-Investigator | \$3,228,802

*This project will examine trajectories of how maternal stress perturbs brain-specific iron physiology to influence infant brain development.*

PI: Stephanie Noble

**Maternal Stress and Iron Trajectories in Infancy** Under Submission

NIH/NIMH; R01 | Role: Co-Investigator | \$2,200,000

*This project will examine trajectories of how maternal stress perturbs brain-specific iron physiology to influence infant brain development.*

PI: Brie Reid

**Predicting Suicidal Ideation in Adults Using the UK Biobank Dataset** Under Submission

Northeastern University; TIER 1 Program | Role: Co-Primary Investigator (with Stephanie Noble) | \$50,000

*This project will leverage machine learning to predict suicidal ideation in adults using multimodal neuroimaging and clinical measures.*

**Temporal Joy** Under Submission

NIH/NIMH; R21 | Role: Co-Investigator | \$434,000

*This project will use a time-series design to study the temporal fluctuations in positive feelings after exercise using event-based ecological momentary assessments.*

PI: Timothy Morrison

## **GRANT FUNDING : COMPLETED**

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### **Long-Term Maintenance with Ketamine Infusions for Reduction of Suicide in High Risk Patients with Depression** 2021–2024

AFSP; Focus Grant | Role: Co-Investigator | \$1,338,411

*This project will use machine learning and intensive time-series data to examine predictors of outcomes for ketamine transfusions for reduction of suicide in high-risk patients with depression.*

PI: Cristina Cusin and Paola Pedrelli

### **Leveraging Artificial Intelligence for the Assessment of Severity of Depressive Symptoms** 2020–2024

NIH/NIMH; R01MH118274 | Role: Independent Evaluator

*This is a longitudinal study where individuals with MDD will be monitored for 12 weeks to develop an objective, sensor-based algorithm to detect depression and predict treatment response.*

PI: Paola Pedrelli

### **Optimizing Precision Medicine in Depression Treatment: A Machine Learning Approach** 2021–2022

MGH; Kaplen Fellowship on Depression | Role: Principal Investigator | \$80,000

*This project validated machine learning algorithms to predict depression treatment response to seven second-step treatments after SSRI failure.*

### **Smartphone CBT for Body Dysmorphic Disorder: A Randomized, Waitlist-Control Trial** 2019–2022

Telefónica S.A. | Role: Independent Evaluator

*Testing efficacy of smartphone-based CBT for adults with BDD recruited nationally.*

PI: Sabine Wilhelm

### **Network Dynamics of Affect and Physical Activity in a Sample With High Negative Affect** 2018–2020

APA; Dissertation Research Award | Role: Principal Investigator | \$1,000

*Examining network dynamics of positive affect, negative affect, and physical activity using EMA to predict future disorder states.*

### **From Defensive Responses to Clinical Interventions: Understanding the Mechanisms of Anxiety** 2016–2019

James S. McDonnell Foundation; Collaborative Activity Awards | Role: Therapist

*Developing treatments enhancing positive affect domains emphasized by the RDoC initiative.*

PI: Stefan G. Hofmann, Elizabeth Phelps, and Joseph LeDoux

### **Connectomes Related to Anxiety and Depression in Adolescents** 2015–2019

NIMH; U01MH108168 | Role: Independent Evaluator

*Characterizing brain connectome signatures of anxiety and depression in adolescents.*

PI: Stefan G. Hofmann

### **Dose-Timing of D-Cycloserine to Augment CBT for Social Anxiety Disorder** 2014–2017

NIMH; R34MH099311 | Role: Therapist

*Identifying whether personalized d-cycloserine administration augments exposure therapy for SAD.*

PI: Stefan G. Hofmann and Jasper Smits

### **Yoga for Generalized Anxiety Disorder** 2013–2018

NCCIH; R01AT007257 | Role: Independent Evaluator

Comparing yoga to CBT for GAD and examining differential treatment mechanisms.

PI: Stefan G. Hofmann and Naomi Simon

## MENTORED GRANTS

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### Stress, sleep health, and inflammation during pregnancy and infant neurodevelopment

Under Submission

NIH/NIMH; K99 | Role: Consultant | PI: Ozlu Aran

### Characterizing a Translational Mechanism of Sensitive Period Neuroplasticity and Cognitive Sequelae in Human Infant Visual Development

Ongoing

NIH/NICHD; F31 | Role: Consultant | PI: Emma Margolis

## HONORS & AWARDS

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**Excellence in Research Writing Award** — Association of American Psychiatrists 2023

**Rosenthal Award** — TBINDSC 2023

**Poster Award** — Anxiety and Depression Association of America 2023

**Boston University Travel Grant (\$500)** 2019

**School of Arts and Sciences Honors Scholar Award** — Top <1% of graduating seniors 2012

**Dean's Award for Academic Excellence** — Perfect 4.0 GPA 2012

**Scarlet Knight Scholarship (\$5,000 each, four times)** 2008–2012

**Morgan Hand Award (\$2,000 each, four times)** 2008–2012

**Bloustein Award (\$1,000 each, four times)** 2008–2012

**SAS Excellence Award (\$5,000 each, two times)** — Top <5% of class 2010, 2012

**Rutgers 2010 Academic Excellence Award** — Top 10% of sophomore class 2010

**Harriett and Robert Druskin Endowed Scholarship (\$5,000)** 2010

**Dean's List (eight consecutive semesters)** 2008–2012

## EDITORSHIP

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**Cognitive Research and Therapy** — Associate Editor 2024–Present

**Frontiers in Psychiatry: Anxiety and Stress Disorders** — Editorial Board 2020–Present

**Behavioral Psychology / Psicología Conductual** — Editorial Board 2019–Present

## PUBLICATIONS

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H-index = 35 | Total Publications = 73 (Peer-Reviewed = 67, Book Chapters = 6) | First/Co-First Author = 23 | Senior/Last Author = 11 | Books = 2

Note: Trainee names are underlined; \* denotes co-first author; \*\* denotes co-last author

### Manuscripts in Progress or Under Submission

1) Engels, S., Epelbaum, V., **Curtiss, J.**, de Beurs, D., Krzhizhanovskaya, V. (under submission). Social Network Modeling with a Dynamical Systems Model of Suicidal Ideation. *Journal of Computational Social Science*.

- 2) Curtiss, J., Andrews, E., DiPietro, C., Pracar, S., Engels, S., Lewis, R., Hani Zainal, Z., Noble, S., Hofmann, S. (under submission). Predicting the Peaks and Valleys: Personalized Affective Forecasting in Emotional Disorders. *Psychiatry Research*.
- 3) Curtiss, J., Dasari, L., Origlio, J., Schuessler, C., Fisher, L., Kritzer-Cheren, M., Behnan, M., Licht, A., Huempfer, N., Andrews, E., Pracar, S., Engels, S., Alvarez, A., Cusin, C., Pedrelli, P. (under submission). Changes in Depression Symptom Network Structure Following Ketamine Treatment in Treatment-Resistant Depression. *Journal of Affective Disorders*.
- 4) Engels, S., Curtiss, J. (in progress). Back to the Basics: Limitations of Idiographic Machine Learning Forecasting in Mental Health Data.
- 5) Engels, S., Curtiss, J. (in progress). Developing a Data-driven Differential Equations Model of Depression.
- 6) Curtiss, J., & Hofmann, S.G. (in progress). A machine learning approach to predicting treatment response in CBT for social anxiety disorder.
- 7) Curtiss, J., & Wilhelm, S.G. (in progress). Predicting treatment response to CBT for OCD: A machine learning framework.

## Books

- 2) Hofmann, S.G., Carpenter, J., Curtiss, J., Baker, A., & Goetter, E. (2020). *The anxiety skills workbook: Simple CBT and mindfulness strategies for overcoming anxiety, fear, and worry*. New Harbinger Press.
- 1) Klemanski, D.H. & Curtiss, J. (2016). *Don't let anxiety run your life: Using the science of emotion regulation and mindfulness to overcome fear and worry*. New Harbinger Press.

## Peer-Reviewed Journal Articles

- 67) Rehder, J., Timm, I., Berretz, G., Reinhard, I., Neubauer, A., Güntürkün, O., Nakamura, T., Takanoh, K., Bierbauer, W., Cabrita, M., Bourke, M., Smyth, J., Kim, J., Michalak, J., Curtiss, J., Pannicke, B., Gallagher, J., Abrantes, A., Cook, P., ... Reichert, M. (accepted). How physical activity relates to affective well-being in humans' everyday life: An individual participant data meta-analysis across 342,544 electronic diary ratings and accelerometry. *Nature Human Behaviour*.
- 66) Celest, T. L. X., Curtiss, J. E., & Zainal, N. H. (2026). Social strain and support as mediators in the relationship between childhood abuse and adult depression. *Journal of Affective Disorders*, 121651.
- 65) Wang, J., Kathios, N., Ou, Y., Curtiss, J., Wu, D., Loui, P. (2026). A Cross-Cultural Comparison of Individual Differences in Musical Reward. *Music Perception*, 1-20.
- 64) Zainal, N. H., Wang, V., Garthwaite, B., & Curtiss, J. E. (2026). What factors are related to engagement with digital mental health interventions (DMHIs)? A meta-analysis of 117 trials. *Health Psychology Review*, 20(1), 151-171.
- 63) Sung, J., Zainal, N., Greenberg, J., Curtiss, J., Jacoby, R., Weingarden, H., & Wilhelm, S. (2026). Executive Functioning as a Predictor of Digital CBT Outcomes for BDD: A Machine Learning Approach. *Cognitive Therapy and Research*, 1-13.
- 62) Curtiss, J., & DiPietro, C. (2025). Machine learning in the prediction of treatment response for emotional disorders: A systematic review and meta-analysis. *Clinical Psychology Review*, 102593.
- 61) Etaati, F., Nasiri, F., DiPietro, C., & Curtiss, J. (2025). Mental health and emotional competencies: investigating interpersonal emotion regulation, emotional resilience, and self-efficacy. *Asia Pacific Journal of Counselling and Psychotherapy*, 16(2), 156-170.
- 60) Shearer, H., Rosenblatt, M., Ye, J., Jiang, R., Tejavibulya, L., Foster, M. L., Curtiss, J., Scheinost, D., & Noble, S. (2025). BrainEffX: A web app for exploring fMRI effect sizes. *Aperture Neuro*, 5(SI 2).
- 59) Zainal, N. H., Rajendra, S. J., Van Doren, N., Salamanca-Sanabria, A., Curtiss, J. E., & Keng, S. L. (2025). Digital positive affect intervention (PAI) versus self-monitoring placebo: A two-arm RCT. *BMC Psychiatry*, 25(1), 971.
- 58) DiPietro, C., Nakajima, S., Oe, Y., Ito, M., & Curtiss, J. (2025). Measurement Invariance of the ASI-3 and DTS Across Japanese Clinical Populations. *International Journal of Cognitive Behavioral Therapy*, 18, 716-735.
- 57) Lewis, R., Curtiss, J., Pedrelli, P., Mischoulon, D., Fedor, S., Picard, R.W. (2025). Towards Objective Characterisation of MDD Using Speech Data from a 12-week Observational Study. *InterSpeech*, 494-498.
- 56) Moskow Diamond, D., Curtiss, J., Carpenter, J. K., Ito, M., & Hofmann, S. G. (2025). Influence of anxiety sensitivity on the observe facet of the FFMQ. *BMC Psychiatry*, 25(1), 312.
- 55) Huong, C., Bernstein, E. E., Curtiss, J. E., Kolar, D. R., & Brown, D. M. (2025). Network approaches for physical activity and mental health research. *Sport, Exercise, and Performance Psychology*, 14(1), 120-138.
- 54) Yatziv, S. L., Pedrelli, P., Baror, S., DeCaro, S. A., Shachar, N., Sofer, B., Hull, S., Curtiss, J., & Bar, M. (2024). Facilitating Thought Progression to Reduce Depressive Symptoms: Randomized Controlled Trial. *Journal of Medical Internet Research*, 26, e56201.

- 53) Curtiss, J., Pedrelli, P., & Smoller, J. (2024). Optimizing precision medicine in depression treatment: A machine learning approach. *Psychological Medicine*, 1-8.
- 52) Noble, S.\*, Curtiss, J.\*, Pessoa, L., & Scheinost, D. (2024). The tip of the iceberg: a call to embrace anti-localizationism in human neuroscience. *Imaging Neuroscience*, 2, 1-10.
- 51) Pedrelli, P., Madarasmi, S., Curtiss, J. E., DeCaro, S. A., Fisher, L. B., Nyer, M., & Borsari, B. (2024). Emotion dysregulation and coping motives as mediators of change in cognitive behavioral therapy-based treatments for depression and heavy episodic drinking among college students. *Journal of Affective Disorders Reports*, 17, 100831.
- 50) Kneeland, E.T., Hay, A., Curtiss, J., Hennessey, A., Vanderlind, W.M., Joormann, J., & Clark, M.S. (2024). The Development of a Novel Scale to Assess Intra- and Interpersonal Emotion Regulation Strategies: The Emotion Regulation Strategy Scale (ERSS). *Emotion*, 24(7), 1582-1599.
- 49) Bernstein, E. E., Greenberg, J. L., Weingarden, H., Snorrason, I., Summers, B., Williams, J., Quist, R., Curtiss, J., Hanson, O., & Wilhelm, S. (2024). The use of coaching in smartphone app-based cognitive behavioral therapy for body dysmorphic disorder. *Internet Interventions*, 36, 100743.
- 48) Fedor, S., Lewis, R., Pedrelli, P., Mischoulon, D., Curtiss, J., & Picard, R. W. (2023). Wearable Technology in Clinical Practice for Depressive Disorder. *New England Journal of Medicine*, 389(26), 2457-2466.
- 47) Zainal, N. H., Camprodon, J., Greenberg, J. G., Hurtado, A., Curtiss, J. E., Berger-Gutierrez, R. M., Gillan, C., & Wilhelm, S. (2023). Goal-directed learning deficits in patients with OCD: A Bayesian analysis. *Cognitive Therapy and Research*.
- 46) Fisher, L. B.\*, Curtiss, J. E.\*, Klyce, D. W., Perrin, P. B., Juengst, S. B., Gary, K. W., & Zafonte, R. D. (2023). Using Machine Learning to Examine Suicidal Ideation After TBI: A TBI Model Systems National Database Study. *American Journal of Physical Medicine & Rehabilitation*. **Rosenthal Award & AAP Excellence in Research Writing Award**.
- 45) Curtiss, J. E., Mischoulon, D., Fisher, L. B., Cusin, C., Fedor, S., Picard, R. W., & Pedrelli, P. (2023). Rising early warning signals in affect associated with future changes in depression. *Psychological Medicine*, 53(7), 3124-3132.
- 44) Curtiss, J. E., Bernstein, E. E., Wilhelm, S., & Phillips, K. A. (2023). Predictors of pharmacotherapy outcomes for BDD: a machine learning approach. *Psychological Medicine*, 53(8), 3366-3376.
- 43) Bernstein, E. E., Phillips, K. A., Greenberg, J. L., Curtiss, J., Hoepfner, S. S., & Wilhelm, S. (2023). Mechanisms of cognitive-behavioral therapy effects on symptoms of body dysmorphic disorder: a network intervention analysis. *Psychological Medicine*.
- 42) Stein, M. B., O'Keefe, S., Mace, R., Foley, J. D., White, A. E., Ruchensky, J. R., & Beck, S. (2023). Psychology Internship Training Amidst COVID-19: Balancing Training Opportunities, Patient Care, and Risk of Exposure. *Journal of Clinical Psychology in Medical Settings*, 30, 61-71.
- 41) Curtiss, J. E., Pinaire, M., Fulford, D., McNally, R. J., & Hofmann, S. G. (2022). Temporal and contemporaneous network structures of affect and physical activity. *Journal of Affective Disorders*, 315, 139-147.
- 40) Salazar, I. C., Caballo, V. E., Arias, V., Curtiss, J., Rossitto, A. M., Araujo, R. B. G., & Hofmann, S. G. (2022). International application of the "multidimensional intervention for social anxiety" (MISA) program: II. Treatment effectiveness for social anxiety-related problems. *Psicologia Conductual*, 30, 19-49.
- 39) Caballo, V. E., Salazar, I. C., Curtiss, J., Araujo, R. B. G., Rossitto, A. M., Coello, M. F., & Hofmann, S. G. (2021). International application of the "multidimensional intervention for social anxiety" (MISA) program: I. Treatment effectiveness in patients with social anxiety. *Behavioral Psychology/Psicologia Conductual*, 29(3), 517-548.
- 38) Curtiss, J.E., Wallace, B., Fisher, L.B., Nyer, M., Jain, F., Cusin, C., & Pedrelli, P. (2021). Change Processes in CBT and MI for Depression and Heavy Alcohol Use: A Network Approach. *Journal of Affective Disorders Reports*, 3, 100040.
- 37) Curtiss, J.E., Levine, D.S., Rosenbaum, J., & Baker, A.W. (2021). Cognitive Behavioral Strategies to Manage Panic. *Psychiatric Annals*, 51, 216-220.
- 36) Curtiss, J.E., Levine, D.S., Ander, I., & Baker, A.W. (2021). Cognitive Behavioral Treatments of Anxiety and Stress-Related Disorders. *FOCUS*, 19, 184-189.
- 35) Aizenstros, A., Bakker, D., Hofmann, S. G., Curtiss, J.E., & Kazantzis, N. (2021). Engagement with smartphone-delivered BA interventions. *Behavioural and Cognitive Psychotherapy*, 49, 569-581.
- 34) Barthel, A.L., Pinaire, M.A., Curtiss, J.E., Baker, A.B., Brown, M.B., Hoepfner, S.S., Bui, E., Simon, N.M., & Hofmann, S.G. (2020). Anhedonia is Central for the Association between Quality of Life, Metacognition, Sleep, and Affective Symptoms in Generalized Anxiety Disorder: A Complex Network Analysis. *Journal of Affective Disorders*, 227, 1013-1021.
- 33) Smits, J. A. J., Pollack, M. H., Rosenfield, D., Otto, M. W., Dowd, S., Carpenter, J., Dutcher, C. D., Lewis, E. M., Witcraft, S. M., Papini, S., Curtiss, J., Andrews, L., Kind, S., Conroy, K., & Hofmann, S. G. (2020). Dose timing of d-cycloserine to augment exposure therapy for social anxiety disorder: A randomized clinical trial. *JAMA Network Open*, 3, e206777.
- 32) Hofmann, S.G., Curtiss, J.E., Hayes, S.C. (2020). Beyond Linear Mediation: Toward A Dynamic Network Approach. *Clinical Psychology Review*, 76, 101824.

- 31) Neufeld, C., Caetano, K., Palma, P., Brust-Renck, P., **Curtiss, J.**, & Hofmann, S.G. (2020). A randomized clinical trial of group and individual Cognitive-Behavioral Therapy approaches for Social Anxiety Disorder. *International Journal of Clinical and Health Anxiety*, 20, 29-37.
- 30) Conroy, K., **Curtiss, J. E.**, Barthel, A. L., Lubin, R., Wieman, S., Bui, E., Simon, N. M., & Hofmann, S. G. (2020). Emotion Regulation Flexibility in Generalized Anxiety Disorder. *Journal of Psychopathology and Behavioral Assessment*, 42, 93-100.
- 29) **Curtiss, J. E.**, Fulford, D., Hofmann, S. G., & Gershon, A. (2019). Network Dynamics of Positive and Negative Affect in Bipolar Disorder. *Journal of Affective Disorders*, 249, 270-277.
- 28) Koç, M. S., Aka, B. T., Dogruyol, B., **Curtiss, J.**, Carpenter, J. K., & Hofmann, S. G. (2019). Psychometric properties of the Turkish version of the interpersonal emotion regulation questionnaire (IERQ). *Journal of Psychopathology and Behavioral Assessment*, 41, 294-303.
- 27) Caballo, V.E., Salazar, I.C., Arias, V., Hofmann, S.G., **Curtiss, J.**, & CISCO-A Research Team. (2019). Psychometric properties of the Liebowitz Social Anxiety Scale in a large cross-cultural Spanish and Portuguese speaking sample. *Brazilian Journal of Psychiatry*, 41, 122-130.
- 26) Hayes, S. C., Hofmann, S. G., Stanton, C. E., Carpenter, J. K., Sanford, B. T., **Curtiss, J. E.**, & Ciarrochi, J. (2019). The role of the individual in the coming era of process-based therapy. *Behaviour Research and Therapy*, 117, 40-53.
- 25) Bernstein, E.E., **Curtiss, J.E.**, Wu, G.W.Y., Barrieira, P.J., & McNally, R.J. (2019). Exercise and Emotion Dynamics: An Experience Sampling Study. *Emotion*, 19, 637-644.
- 24) Gabriel, M.G.\* , **Curtiss, J.\***, Hofmann, S.G., & Khalsa, S. B. S. (2018). Kundalini Yoga for GAD. *International Journal of Yoga Therapy*, 28, 97-105.
- 23) **Curtiss, J.**, Ito, M., Takebayashi, Y., & Hofmann, S. G. (2018). Longitudinal Network Stability of the Functional Impairment of Anxiety and Depression. *Clinical Psychological Science*, 6, 325-334.
- 22) Hofmann, S.G., & **Curtiss, J.** (2018). A Complex Network Approach to Clinical Science. *European Journal of Clinical Investigation*, e12986.
- 21) Szasz, P., Coman, M., **Curtiss, J.**, Carpenter, J.K., & Hofmann, S.G. (2018). Use of Multiple Regulation Strategies in Spontaneous Emotion Regulation. *International Journal of Cognitive Therapy*, 11, 249-261.
- 20) Gao, L.\*, **Curtiss, J.\***, Liu, X., & Hofmann, S. G. (2018). Differential Treatment Mechanisms in Mindfulness Meditation and PMR. *Mindfulness*, 9, 1268-1279.
- 19) Caetano, K., Depreeuw, B., Papenfuss, I., **Curtiss, J.**, Langwerden, R., Hofmann, S.G., & Neufeld, C.B. (2018). Trial-Based Cognitive Therapy: efficacy of a new CBT approach in treating social anxiety disorder with comorbid depression. *International Journal of Cognitive Therapy*, 11, 325-342.
- 18) **Curtiss, J.\***, Goessl, V.\*, & Hofmann, S.G. (2017). The effect of HRV biofeedback training on stress and anxiety: A meta-analysis. *Psychological Medicine*, 47, 2578-2586.
- 17) **Curtiss, J.**, Klemanski, D. H., Andrews, L., Ito, M., & Hofmann, S. G. (2017). The conditional process model of mindfulness and emotion regulation. *Journal of Affective Disorders*, 212, 93-100.
- 16) **Curtiss, J.**, Andrews, L., Davis, M., Smits, J., & Hofmann, S. G. (2017). A meta-analysis of pharmacotherapy for SAD. *Expert Opinion on Pharmacotherapy*, 18, 243-251.
- 15) Klemanski, D. H., **Curtiss, J.**, McLaughlin, K. A., & Nolen-Hoeksema, S. (2016). Emotion Regulation and the Transdiagnostic Role of Repetitive Negative Thinking. *Cognitive Therapy and Research*, 41(2), 206-219.
- 14) Hofmann, S.G., **Curtiss, J.**, Carpenter, J., & Kind, S. (2017). Effects of Treatments for Depression on Quality of Life: A Meta-Analysis. *Cognitive Behavior Therapy*, 46, 265-286.
- 13) **Curtiss, J.**, & Klemanski, D. H. (2016). Taxonicity and network structure of GAD and MDD. *Journal of Affective Disorders*, 199, 99-105.
- 12) Hofmann, S.G., **Curtiss, J.**, & McNally, R. (2016). A complex network perspective on clinical science. *Perspectives of Psychological Science*, 11, 597-605.
- 11) Hofmann, S. G., Andreoli, G., Carpenter, J. K., & **Curtiss, J.** (2016). Effect of Hatha Yoga on Anxiety: A Meta-Analysis. *Journal of Evidence-Based Medicine*, 9, 116-124.
- 10) Hofmann, S.G., Doan, S., Sprung, M., Wilson, A., Ebesutani, C., Andrews, L., **Curtiss, J.**, & Harris, P. (2016). Training children's theory of mind: A meta-analysis of controlled studies. *Cognition*, 150, 200-212.
- 9) Hofmann, S. G., Carpenter, J. K., & **Curtiss, J.** (2016). Interpersonal emotion regulation questionnaire (IERQ). *Cognitive Therapy and Research*, 40, 341-356.
- 8) Szasz, P. L., Hofmann, S. G., Heilman, R. M., & **Curtiss, J.** (2016). Effect of regulating anger and sadness on decision-making. *Cognitive Behaviour Therapy*, 45, 1-17.
- 7) Hofmann, S. G. & **Curtiss, J.** (2015). The strawman debate continues. *PsycCRITIQUES*, 60(38).
- 6) **Curtiss, J.** & Klemanski, D. H. (2015). Identifying Individuals With GAD: A ROC Analysis. *Behaviour Change*, 32, 1-18.

- 5) Hofmann, S. G., **Curtiss, J.**, Khalsa, S. B. S., Hoge, E., Rosenfield, D., Bui, E., Keshaviah, A., & Simon, N. (2015). Yoga for generalized anxiety disorder: design of a randomized controlled clinical trial. *Contemporary Clinical Trials, 44*, 70-76.
- 4) Hofmann, S. G., Mundy, E. A., & **Curtiss, J.** (2015). Neuroenhancement of Exposure Therapy. *AIMS Neuroscience, 2*, 123-138.
- 3) **Curtiss, J.** & Klemanski, D. H. (2014). Teasing apart low mindfulness: Differentiating deficits in mindfulness and psychological flexibility. *Journal of Affective Disorders, 166*, 41-47.
- 2) Desrosiers, A., Vine, V., **Curtiss, J.**, & Klemanski, D. H. (2014). Observing nonreactively: A conditional process model. *Journal of Affective Disorders, 165*, 31-37.
- 1) **Curtiss, J.** & Klemanski, D. H. (2014). Factor Analysis of the FFMQ in a Heterogeneous Clinical Sample. *Journal of Psychopathology and Behavioral Assessment, 36*, 683-694.

## Book and Encyclopedia Chapters

- 6) Andrews, E., Pracar, S., Engels, S., **Curtiss, J.** (accepted). Cognitive Behavioral Therapy for Stress Management. In T. Schneider & J. N. Baumgartner (Eds.), *Research Handbook on the Psychology of Stress and Coping*. Edward Elgar Publishing Ltd.
- 5) Andrews L., **Curtiss J.**, & Hayes A. (2022). The study of mediators and mechanisms in psychotherapy research. In G. Asmundson (Ed.), *Comprehensive Clinical Psychology* (2nd ed.). Elsevier.
- 4) Hofmann, S. G., Carpenter, J. K., & **Curtiss, J.** (2018). Cognitive mediation of symptom change in CBT. In R. L. Leahy (Ed.), *Science and practice in cognitive therapy*. Guilford Press.
- 3) **Curtiss, J.**, & Hofmann, S.G. (2017). Meditation. In *SAGE Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: SAGE.
- 2) Carpenter, J., **Curtiss, J.**, & Hofmann, S.G. (2017). The Nature and Treatment of Social Anxiety. In D. McKay, J. Abramowitz, & E. Storch (Eds.), *Treatments for Psychological Problems and Syndromes*. Wiley-Blackwell.
- 1) **Curtiss, J.**, Carpenter, J., Kind, S., & Hofmann, S. G. (2016). Cognitive Enhancers for the Treatment of Anxiety Disorders. In *Oxford Handbook Topics in Psychology*. Oxford University Press.

## POSTERS & PRESENTATIONS

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### Posters

- 48) Engels, S., **Curtiss, J.** (June, 2026). Limitations of Idiographic Machine Learning Forecasting in Mental Health Data. International Conference in Computational Science, Hamburg, Germany.
- 47) Engels, S., **Curtiss, J.** (May, 2026). Back to the Basics: Limitations of Idiographic ML Forecasting in Mental Health Data. APS Annual Conference, Barcelona, Spain.
- 46) Engels, S., **Curtiss, J.** (May, 2026). Back to the Basics: Limitations of Idiographic ML Forecasting. Institute for Cognitive and Brain Health Institute Day, Northeastern University, Boston, MA.
- 45) Shearer, H., Rosenblatt, M., Ye, J., Jiang, R., Tejavibulya, L., Foster, M. L., **Curtiss, J.**, Scheinost, D., & Noble, S. (2025). BrainEffeX: A web app for exploring fMRI effect sizes. Organization for Human Brain Mapping.
- 44) DiPietro, C. & **Curtiss, J.** (2025). Meta-analysis of Machine Learning for Emotional Disorders. ABCT 59th Convention, Philadelphia, PA.
- 43) DiPietro, C. & **Curtiss, J.** (2024). RQA Reveals Associations Between Dynamics of Negative Affective States and Symptoms. ABCT 58th Convention, Philadelphia, PA.
- 42) DiPietro, C.P., Ito, M., & **Curtiss, J.** (2024). ASI-3 Measurement Invariance in Japanese Clinical Population. ADAA, Boston, MA.
- 41) DiPietro, C.P., Ito, M., & **Curtiss, J.** (2024). DTS Measurement Invariance in Japanese Clinical Population. ADAA, Boston, MA.
- 40) Quist, R.E., Bernstein, E. E., Greenberg, J.L., Weingarden, H., Williams, J., Snorrason, I., **Curtiss, J.**, & Wilhelm, S. (2023, November). Support use patterns in text messages between coaches and participants in app-based CBT for BDD. Poster presented at Association for Behavioral and Cognitive Therapy 57th Annual Convention, Seattle, WA.
- 39) **Curtiss, J.E.**, Pedrelli, P., Smoller, J. (2023). Optimizing Precision Medicine in Depression Treatment. ADAA 43rd Convention, Washington DC. *Recipient of 2023 ADAA Poster Award.*
- 38) Decaro, S., Cetinkaya, D., Madarasmi, S., **Curtiss, J.E.**, & Pedrelli, P. (2023, April). Examining Emotion Regulation in a Network Approach from pre-to-post Treatment among College Students with Depression and Heavy Episodic Drinking. Poster presented at Anxiety and Depression Association of America 43rd Annual Convention, Washington DC.
- 37) Licht, A., Cattani, M., Decaro, S., **Curtiss, J.E.**, & Pedrelli, P. (2023, April). Examining Emotion Regulation as a Predictor of Treatment Outcomes During CBT among College Students with Depression and Heavy Episodic Drinking. Poster presented at Anxiety and Depression Association of America 43rd Annual Convention, Washington DC.
- 36) **Curtiss, J.E.**, Bernstein, E., Wilhelm, S., & Phillips, K.A. (2022). Predictors of pharmacotherapy outcomes for BDD. ASCP, Scottsdale, AZ.
- 35) **Curtiss, J.E.**, Madarasmi, S., & Pedrelli, P. (2022). Mediators of CBT for Depression with Brief MI. ADAA 42nd Convention, Denver, CO.
- 34) Hull, S., Origlio, J., **Curtiss, J.E.**, & Pedrelli, P. (2022). Emotion Regulation as Predictor of Depression Trajectory. ADAA 42nd Convention, Denver, CO.
- 33) **Curtiss, J.E.**, Wallace, B., & Pedrelli, P. (2020). Combined CBT and MI for Alcohol Use and Depression: A Network Perspective. ADAA 40th Convention, San Antonio, TX.
- 32) **Curtiss, J.E.** & Hofmann, S.G. (2020). Interpersonal Emotion Regulation: A Latent Profile Analysis. ADAA 40th Convention, San Antonio, TX.
- 31) **Curtiss, J.E.** & Hofmann, S.G. (2019). Interpersonal Emotion Regulation: A Latent Profile Analysis. ABCT 53rd Convention, Atlanta, GA.
- 30) **Curtiss, J.E.**, Bernstein, E.E., McNally, R.J., & Hofmann, S.G. (2019, November). Influence of Exercise on the Network Dynamics of Positive and Negative Affect. Poster presented at the Association for Behavioral and Cognitive Therapy 53rd Annual Convention, Atlanta, GA.
- 29) Pinaire, M., Barthel, A., **Curtiss, J.E.**, Bui, T.H., Simon, N., & Hofmann, S.G. (2019, November). A Network Approach to Negative Metacognitions and Beliefs of Uncontrollability in Relation to Quality of Life, Insomnia, and Depressive Symptoms in a Mixed GAD Sample. Poster presented at the Association for Behavioral and Cognitive Therapy 53rd Annual Convention, Atlanta, GA.
- 28) Pinaire, M., **Curtiss, J.E.**, Ito, M., & Hofmann, S.G. (2019). DIF of Sense of Authenticity in SAD. ABCT 53rd Convention, Atlanta, GA.
- 27) Moskow, D., **Curtiss, J.E.**, **Curtiss, J.**, Ito, M., & Hofmann, S.G. (2019, November). Examining the Relation Between Anxiety Sensitivity and Observing Internal or External Stimuli. Poster presented at the Association for Behavioral and Cognitive Therapy 53rd Annual Convention, Atlanta, GA.

- 26) **Curtiss, J.E.**, Fulford, D., Hofmann, S.G., & Gershon, A. (2018). Dynamic Network Structure of Affect in Bipolar Disorder. ABCT 52nd Convention, Washington D.C.
- 25) **Conroy, K., Curtiss, J. E.**, Barthel, A. L., Wieman, S., Lubin, R., Bui, T.H., Simon, N., & Hofmann, S. G. (2018, November). Affective Styles Profiles in a Generalized Anxiety Disorder Sample. Poster presented at the Association for Behavioral and Cognitive Therapy 52nd Annual Convention, Washington D.C.
- 24) Barthel, A., **Curtiss, J. E.**, **Conroy, K.**, Ito, M., & Hofmann, S.G. (2018, May). Cognitive Reappraisal and Behavioral Suppression as Moderators of Avoidance/Rumination, Activation, and Trait Anxiety. Poster presented at the 52nd Association for Psychological Science 2018 Annual Convention, Washington, D.C.
- 23) **Curtiss, J.**, Ito, M., & Hofmann, S.G. (2017). Longitudinal network stability of anxiety and depression. ABCT 51st Convention, San Diego, CA.
- 22) **Curtiss, J.**, Klemanski, D., **Andrews, L.**, Ito, M., & Hofmann, S.G. (2017, November). An examination of the conditional process model of mindfulness and emotion regulation. Poster presented at the 51st Annual Convention for the Association of Behavioral and Cognitive Therapies, San Diego, CA.
- 21) **Conroy, K., Andrews, L. A., Curtiss, J. E.**, Simon, N. M., & Hofmann, S. G. (2017, November). The Affective Style Questionnaire: Factor Structure in a Generalized Anxiety Disorder Sample. Poster presented at the Association for Behavioral and Cognitive Therapies 51st Annual Convention, San Diego, CA.
- 20) **Conroy, K., Andrews, L., Curtiss, J.**, Simon, N., & Hofmann, S.G. (2017, November). Moderators and mediators of pharmacotherapy for SAD. Poster presented at the 51st Annual Convention for the Association of Behavioral and Cognitive Therapies, San Diego, CA.
- 19) Gomez, A., **Curtiss, J.**, Ito, M., & Hofmann, S.G. (2017). Emotion regulation mediates BA and depression. ABCT 51st Convention, San Diego, CA.
- 18) **Curtiss, J., Andrews, L.**, Davis, M., Smits, J., & Hofmann, S.G. (2017, November). Moderators and mediators of pharmacotherapy for SAD. Poster presented at the 51st Annual Convention for the Association of Behavioral and Cognitive Therapies, San Diego, CA.
- 17) **Curtiss, J.**, Noble, S., & Hofmann, S.G. (2016). Neural correlates of SAD. Society of Neuroscience 46th Convention, San Diego, CA.
- 16) **Curtiss, J.**, Klemanski, D.H., & Hofmann, S.G. (2016). YSAS: A Novel Assessment of Social Anxiety. ABCT 50th Convention, New York, NY.
- 15) **Curtiss, J.**, Klemanski, D.H., & Hofmann, S.G. (2016). YSAS: A Novel Assessment. ADAA Annual Meeting, Philadelphia, PA.
- 14) **Curtiss, J.** & Hofmann, S.G. (2016). Novel IERQ: Factor Structure and Measurement Invariance. ADAA Annual Meeting, Philadelphia, PA.
- 13) **Andrews, L.A., Curtiss, J.E.**, Nakajima, S., Oe, Y., Masaya, I., & Hofmann, S.G. (2016, April). Nonreactive Observation: A Moderated Mediation Model Examining Mindfulness Factors, Emotion Regulation Strategies, and Psychopathologies. Poster presented at the annual meeting of the Anxiety and Depression Association of America, Philadelphia, PA.
- 12) **Andrews, L.A.**, Carpenter, J.K., **Curtiss, J.E.**, Nakajima, S., Oe, Y., Masaya, I., & Hofmann, S.G. (2016, April). Unique and Interactive Effects of Anxiety Sensitivity and Distress Tolerance on Anxiety and Depression. Poster presented at the annual meeting of the Anxiety and Depression Association of America, Philadelphia, PA.
- 11) **Andrews, L.**, Carpenter, J., **Curtiss, J.**, & Hofmann, S.G. (2015, November). Unique and Interactive Effects of Anxiety Sensitivity and Distress Intolerance on Anxiety and Depression. Poster presented at the 49th Annual Convention for the Association of Behavioral and Cognitive Therapies, Chicago, IL.
- 10) Carpenter, J., **Curtiss, J.**, Kind, S., & Hofmann, S.G. (2015). CBT vs. SSRIs on QoL in MDD. ABCT 49th Convention, Chicago, IL.
- 9) Kind, S., **Curtiss, J.**, & Klemanski, D.H. (2015). Emotion Dysregulation and IU in GAD. ABCT 49th Convention, Chicago, IL.
- 8) **Curtiss, J.** & Klemanski, D.H. (2015). Mindfulness Among Clinical Patients. ADAA Annual Meeting, Miami, FL.
- 7) **Curtiss, J.** & Klemanski, D.H. (2015). Classification of GAD and MDD: An Admixture Analysis. APS Annual Meeting, New York, NY.
- 6) **Curtiss, J.** & Klemanski, D.H. (2015). Efficacy of Mindfulness and Acceptance Based Interventions for GAD. APS Annual Meeting, New York, NY.
- 5) Klemanski, D. H., **Curtiss, J.**, McLaughlin, K. A., & Nolen-Hoeksema, S. (2015, May). The transdiagnostic role of repetitive negative thinking in adolescents with social anxiety and depression. Poster session presented at the annual meeting of the Association for Psychological Science, New York, NY.
- 4) **Curtiss, J.** & Klemanski, D.H. (2014). Factor Analysis of the FFMQ. ABCT 48th Convention, Philadelphia, PA.
- 3) Desrosiers, A., Vine, V., **Curtiss, J.**, & Klemanski, D.H. (2014). Mindfulness Facets and Emotion Regulation: A Conditional Process Model. ABCT 48th Convention, Philadelphia, PA.
- 2) **Curtiss, J.** & Klemanski, D.H. (2013). Identifying GAD in the Context of Mood and Other Anxiety Disorders. CPA 27th Convention, Windsor, CT.

- 1) Curtiss, J., Wang, L., Leslie, A. (2012). Second-Order False Belief Reasoning. Rutgers Psychology Research Presentation, New Brunswick, NJ.

## Invited Talks

- 13) Curtiss, J.E. (2025, December). Tutorial on Intensive time-series data and longitudinal modeling. IASL Meeting.
- 12) Curtiss, J.E. (2025, July). Precision medicine for mental health: A dynamical systems and ML approach. Experiential AI Institute, Northeastern University, Boston.
- 11) Curtiss, J.E. (2025, April). Intensive time-series research on emotional disorders. Flagship Labs 105, Boston.
- 10) Curtiss, J.E. (2025, March). Precision medicine for emotional disorders. Center for Technology and Behavioral Health, Dartmouth University, Hanover.
- 9) Curtiss, J.E. & Noble, S. (2024, October). Precision mental and cognitive health using time-series and neuroimaging. Life Sciences Day, Northeastern University.
- 8) Curtiss, J.E. (2024, July). A time-series dynamical systems approach to forecasting symptoms. National Center for CBT and Research, Tokyo, Japan.
- 7) Curtiss, J.E. (2024, February). Precision medicine for emotional disorders. William James Colloquium, Northeastern University.
- 6) Curtiss, J.E. (2023, September). Computational clinical psychology for emotional disorders. Bouvé College, Northeastern University.
- 5) Curtiss, J.E. (2023, March). Using Machine Learning to Examine Suicidal Ideation After TBI. TBINDSC, Englewood.
- 4) Curtiss, J.E. (2022, October). How to make a scientific paper? DCRP, MGH/Harvard Medical School.
- 3) Curtiss, J.E. (2022, October). How to make a scientific poster? DCRP, MGH/Harvard Medical School.
- 2) Curtiss, J.E. (2020, November). A Machine Learning Approach to Second-Level Treatment for Depression. PNGU, MGH/Harvard Medical School.
- 1) Curtiss, J.E. (2020, November). A Machine Learning Approach to Pharmacotherapy for BDD. Center for OCD, MGH/Harvard Medical School.

## Conference Presentation Talks

- 15) Curtiss, J. (2026, May). Machine Learning in the Prediction of Treatment Response for Emotional Disorders. International Conference of Computational Science, Barcelona, Spain.
- 14) Curtiss, J. (2026, May). ML in the Prediction of Treatment Response. In H. Zainal (chair), *Precision Mental Health with Intensive Longitudinal Data and ML*. APS, Barcelona, Spain.
- 13) Pracar, S. & Curtiss, J. (2026, May). Predicting the Peaks and Valleys: Personalized Affective Forecasting. In J. Curtiss (chair & discussant), *Beyond the Static: Mapping Mental Health through Dynamic Time-Series Approaches*. APS, Barcelona, Spain.
- 12) Curtiss, J. & Noble, S. (2025). A Formalization of an IdioNomo Perspective for Psychological Models. Boston Precision Brain & Mental Health Hack.
- 11) Andrews, E., Curtiss, J., & Andrews-Hanna, J. (2025, August). Identifying Thought States with Naturalistic and High-Sample Longitudinal Data. In E. Andrews (chair), *Context-Aware Digital Interventions*. ISRII, San Diego, CA.
- 10) Curtiss, J. (2024, November). Balancing Complexity and Pragmatism in ML Approaches to Time-Series Data. In N. Van Doren and H. Zainal (chair), *Promising Paths and Potential Perils in Integrating ML and EMA*. ABCT, Philadelphia, PA.
- 9) Bernstein, E., Greenberg, J., Weingarden, H., Snorrason, I., Summers, B., Williams, J., Quist, R., Curtiss, J., Harrison, O., Wilhelm, S. (2024, November). Patterns of Engagement with Coaches During Smartphone App-based Cognitive Behavioral Therapy for Body Dysmorphic Disorder: What Users Want and Need. In E. Bernstein (chair), *Redefining engagement in digital mental health to center users and improve real world impact*. Symposium presented at ABCT, Philadelphia, PA.
- 8) Carpenter, J., Curtiss, J., Resick, P., Galovski, T. (2024, November). Predicting Dropout from Trauma-focused Therapy. ABCT, Philadelphia, PA.
- 7) Curtiss, J., Carpenter, J., Resick, P., Galovski, T. (2024, November). Precision Medicine for PTSD: A ML Approach. ABCT, Philadelphia, PA.
- 6) Curtiss, J. (2023, April). Optimizing Precision Medicine in Depression Treatment. ADAA 43rd Convention, Washington DC. 2023 ADAA Awardee Presentation.
- 5) Bernstein, E.E., Curtiss, J., Wu, G., Barreira, P., & McNally, R.J. (2019, March). Exercise and the Temporal Dynamics of Daily Emotions. In E. Bernstein & E. Kleinman (Co-Chairs), *Emotion regulation in daily life: Understanding emotional disorders and*

*emotional wellbeing through experience sampling and wearable monitoring*. Symposium in the 39th annual meeting of the Anxiety and Depression Association of America, Chicago, IL.

- 4) Curtiss, J.E., Fulford, D., Hofmann, S.G., Gershon, A. (2018). Dynamic Network Structure of Affect in Bipolar Disorder. In R. McNally (chair). ABCT 52nd Convention, Washington D.C.
- 3) Curtiss, J. & Hofmann, S.G. (2015). Assessing interpersonal emotion regulation. In J. Carpenter (chair). ABCT, Chicago, IL.
- 2) Klemanski, D.H., Millstein, D.J., & Curtiss, J. (2015). Effects of worry and rumination on QoL. In M. Westphal (chair). APS, New York, NY.
- 1) Curtiss, J. & Klemanski, D.H. (2014). Incremental validity of mindfulness over cognitive inflexibility. In A. Aldao & D. H. Klemanski (chairs). ADAA, Chicago, IL.

## A D H O C R E V I E W S

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*Nature Reviews Psychology; Clinical Psychology Review; JAMA Psychiatry; Biological Psychiatry; Psychological Medicine; Clinical Psychological Science; Behavior Research and Therapy; Assessment; Journal of Anxiety Disorders; Journal of Affective Disorders; Depression and Anxiety; Cognitive Therapy and Research; Mindfulness; Neuropsychiatric Disease and Treatment; Symbiosis Psychology; Psychology and Psychotherapy; Clinical Psychology*

## R E S E A R C H E X P E R I E N C E

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### Computational Clinical Psychology Laboratory

July 2023 – Present

*Director*

Leverages computational approaches, including machine learning, dynamical systems modeling, network science, and time-series forecasting, to advance precision medicine for emotional disorders. Emphasis on idiographic, intensive longitudinal designs that capture the dynamic complexity of psychopathology to inform more personalized assessment and intervention.

### Depression Clinic and Research Program (DCRP)

July 2019 – June 2023

*Postdoctoral Fellow* | Advisor: Paola Pedrelli, MGH/Harvard Medical School

Pursued research on machine learning predicting second-step treatment outcomes for MDD. Examined change processes in CBT for depression using network methodology. Conducted research on passive sensor data predicting symptom changes and dynamic time-series approaches for depression and Ketamine treatment.

### Center for OCD and Related Disorders (CORD)

July 2020 – June 2021

*Postdoctoral Fellow* | Advisor: Sabine Wilhelm, MGH/Harvard Medical School

Pursued research on machine learning predicting treatment outcomes for BDD and OCD. Conducted research on effects of CBT on symptom networks of BDD.

### Center for Anxiety and Traumatic Stress Disorders (CATSD)

July 2019 – June 2020

*Internship Fellow* | Advisor: Amanda Baker, MGH/Harvard Medical School

Pursued research on time-series network structure of anxiety disorders. Led reviews of best evidence-based treatment practices for anxiety disorders.

### Psychotherapy and Emotion Research Laboratory

Aug 2014 – June 2020

*Doctoral Student* | Advisor: Stefan Hofmann, Boston University

Research on the nosology and treatment of emotional disorders within a dynamic network framework using ecological momentary assessment. Additional interests in emotion regulation and mindfulness. Conducted intakes and delivered treatment for multiple RCTs investigating GAD, SAD, and depression.

### Yale Center for Anxiety and Mood Disorders

June 2012 – Aug 2015

*Data Analyst and Statistician* | Advisor: David Klemanski, Yale University

Employed SEM, MLM, meta-analyses, and other techniques for experimental psychopathology studies. Designed research experiments on differential emotion regulation and mindfulness deficits.

### Yale Anxiety and Emotion Laboratory

Sept 2013 – Aug 2014

*Laboratory Manager* | Advisor: David Klemanski, Yale University

Designed and managed research experiments investigating emotion regulation deficits associated with social anxiety and depression in adolescents.

### **Yale Depression and Cognition Laboratory**

Aug 2012 – Jan 2013

*Research Assistant* | Advisor: Susan Nolen-Hoeksema, Yale University

Collaborated on studies examining alexithymia as a mediator between mindfulness deficits and depression.

### **Yale Mind and Development Laboratory**

June 2011 – Aug 2011

*Researcher* | Advisor: Paul Bloom, Yale University

Conducted pretense-related and Theory of Mind experiments, as well as literature reviews.

### **Cognitive Development Laboratory**

Sep 2010 – June 2012

*Honors Thesis Research Assistant* | Advisor: Alan Leslie, Rutgers University

Designed experiments investigating second-order false belief in 4-year-olds using eye-gaze. Proficient in Tobii eye-tracker administration and analysis.

### **Smoking Cessation Laboratory**

Sep 2008 – Sep 2010

*Honors Research Assistant* | Advisor: Danielle McCarthy, Rutgers University

Conducted research on the longitudinal role of impulsivity in predicting smoking cessation. Administered assessments and analyzed data.

## **C L I N I C A L   E X P E R I E N C E**

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### **Depression Center Research Program (DCRP) at MGH**

Jul 2020 – July 2023

Clinician treating patients with depression and suicidal ideation using CBT, behavior activation, and mindfulness. Conducted SCID and MINI clinical assessments.

### **Center for OCD and Related Disorders (CORD) at MGH**

Jul 2020 – June 2021

Clinician treating outpatient OCD and related disorders with ERP. Conducted assessments for BDD patients.

### **Harvard MGH Clinical Internship: CBT Track**

Jul 2019 – June 2020

Treated outpatients with anxiety, depression, and trauma disorders using CBT, exposure therapy, and mindfulness. Led group DBT interventions. Served on the inpatient Blake Unit for severe mental health issues.

### **Center for Anxiety and Related Disorders (CARD) Practicum**

Aug 2015 – June 2019

Treated patients with anxiety, depression, and related disorders using manualized CBT, DBT, and mindfulness treatments. Conducted ADIS-V interviews, treatment planning, and outcome assessment. Coordinated care with psychiatry.

### **Student Clinical Supervisor at CARD**

Sep 2017 – Aug 2018

Primary supervisor for a novice doctoral student therapist. Provided weekly supervision, video review, and evaluations. Participated in group supervision and didactic seminars.

### **Harvard Boston Children's Hospital**

Sep 2016 – Sep 2018

Assessor conducting qualitative interviews with individuals diagnosed with disorders of sexual development (DSD).

### **Harvard McLean Hospital**

Sep 2016 – July 2017

Treated comorbid substance abuse, anxiety, and trauma using empirically supported treatments. Administered CBT and Individual Drug Counselling for opioid and anxiety disorders. Conducted MI with inpatient adolescents.

### **Neuropsychology Practicum at Boston University**

Sep 2015 – Sep 2016

Conducted neuropsychological assessments for neurodevelopmental disorders (ADHD, learning disorders). Acquired competency in intelligence, executive functioning, and attentional assessments.

### **Psychotherapy and Emotion Research Laboratory**

Sep 2014 – June 2019

Study clinician leading group treatment for SAD and depression. Conducted clinical assessments (ADIS-V, SIGH-A, CGI) for grant-funded studies. Administered K-SADs and neuropsychological measures to adolescents.

### **Yale Center for Anxiety and Mood Disorders**

June 2012 – Aug 2014

Trained in SCID-I, SCID-II, GAF, CSR, CGI for anxiety and depressive disorders. Administered ADIS-C in adolescents. Trained in LEAS scoring. Participated in diagnostic case reviews.

## TEACHING

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**Research, Evaluation, and Data Analysis (CAEP 6202)** — Primary Instructor [Spring 2024, 2025, 2026](#)

Graduate course (30 students) at Northeastern University covering qualitative and quantitative research methods with R tutorials.

**Teaching Fellow** — Introduction to Psychology, Boston University [Spring 2018](#)

Delivered lectures for 5 weekly discussion sections. Graded exams and written essays.

**Invited Lecturer** — Introduction to Psychology, Boston University [Fall 2016](#)

Taught statistics lectures for undergraduates, covering p-values, t-tests, ANOVA, correlation, and demonstrations in R.

## MENTORING

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### Postdoctoral Researchers

Eric Andrews (2025–Present)

### Doctoral Students

Shane Pracar, Applied Psychology (2025–Present)

Antonietta Hernandez, Psychology (2025–Present; co-supervised by Jordan Theriault)

### Research Staff

Sophie Engels (2025–Present)

Christopher DiPietro (2023–2025)

### Doctoral Thesis Committees

Trevor Cline, Psychology (2024–Present)

### MSAP Advisor

2025–Present: Emma Boss, Gianna Massaro, Sophia Sederman

2024–2025: Madison Verdeja

### MSCP Advisor

2025–Present: Dianalaura Casanova, Sabrina Cavinder, Anooja Chafekar, Eleanor Commons, Briana Drazek, Marina Sgarlat, Hannah Slavin

2024–Present: Anouk Bauknecht, Safah Bhatti, Tyler Bittle, Lindsey Brick, Alba Castro, Melisa Cepeda, Steven Chasse, Brian Conti

### Earlier Mentoring (Boston University, 2014–2020)

Advisor to five undergraduate honor thesis students, three master's thesis students, ten+ visiting scholars, and four lab managers.

### Student Clinical Supervisor (2017–2018)

Supervised a second-year graduate student at Boston University in CBT, exposure therapy, mindfulness, and structured clinical assessments.

## SERVICE POSITIONS

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**Search Committee, Clinical Professor (Ad Hoc)** — Department of Applied Psychology [2025–Present](#)

**Comprehensive Exam Revision Working Group (Ad Hoc)** — Department of Applied Psychology 2025–Present

**Institute Day Committee** — Institute for Cognitive and Brain Health 2025–Present

**Working Group: Master’s Program in AI & Health Sciences (Ad Hoc)** — Depts. of Applied Psychology & Health Sciences 2025

**Working Group: Master’s Program in Computational Psychology (Ad Hoc)** — Depts. of Applied Psychology & Psychology 2025

**Dialogue Series Committee (Chair, 2024–25)** — Department of Applied Psychology 2024–Present

**Social Committee (Co-Chair)** — Institute for Cognitive and Brain Health 2024–Present

**Social Committee (Co-Chair)** — Department of Psychology 2024–Present

**Academic Standing Committee** — Department of Applied Psychology 2023–Present

**Statistics Search Committee** — Department of Applied Psychology 2023–2024

**Computing Committee (Co-Chair)** — Institute for Cognitive and Brain Health 2023–Present

## LEADERSHIP POSITIONS

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**Computational Psychology Track, ICCS** — Program Committee 2026  
Developed and organized the computational psychology subconference within ICCS, Hamburg, Germany.

**Boston Precision Brain & Mental Health Hack ’25** — Creator & Organizer 2025  
Created a neuroscience and clinical psychology themed hackathon featuring four leading external researchers over three days.

**Colloquium Committee** — Student Leader 2016–2018  
Devised speaker lists and coordinated arrangements for department colloquium talks.

## STATISTICAL & TECHNICAL SKILLS

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### Analytical Proficiency

Graph theory / network analysis, dynamical systems approaches, machine learning (SVM, Random Forest, Ensemble Learning), time-series analysis (ARIMA, VARIMA, GAMs, forecasting), latent variable modeling (SEM, CFA), finite mixture modeling (LCA, FMM), multilevel modeling, ROC analysis, longitudinal data analysis (LGC, dynamic MLM), meta-analytic methods (traditional, SEM, network), parametric and non-parametric statistics (GLM, permutation testing)

### Familiarity

Taxometric analysis, dynamic modeling with damped oscillators

### Statistical Software

Proficiency: R, Python, MPLUS, LISREL, SPSS

Familiarity: HLM, STATA, SAS, CMA (Comprehensive Meta-Analysis)