BENJAMIN ABRAVANEL SWERDLOW (né ABRAVANEL)

August 2021

EDUCATION

2015- **Doctoral Candidate, Clinical Science**

University of California, Berkeley

Berkeley, CA

<u>Dissertation</u>: Naturalistic assessment of interpersonal emotion regulation in romantic couples: Ties to psychological wellbeing and relationship quality

(Dissertation Proposal Approved: February 2019)

Advisor: Sheri L. Johnson, Ph.D

2018 M.A., Psychology

University of California, Berkeley

Berkeley, CA

Master's Thesis: Shame on me for needing you: Links between interpersonal

emotion regulation and experience of shame in daily life

Advisor: Sheri L. Johnson, Ph.D.

2012 Pembroke-King's Programme

Cambridge University Cambridge, UK

2009-2013 **B.A., Psychology & B.A., English**

Honors in Psychology Wesleyan University Middletown, CT

Honors Thesis: Emotional Memory for Film Clips

Advisor: Charles Sanislow, Ph.D.

FELLOWSHIPS & AWARDS

2020	UC Berkeley Department of Psychology Graduate Student Instructor Excellence
	Award
2019	UC Berkeley Outstanding Graduate Student Instructor Award
2019	Sheldon J. Korchin Prize in Clinical Psychology
2017	UC Berkley Department of Psychology Travel Award
2017-2020	Greater Good Science Center Research Fellowship
2016-2018	NIMH Predoctoral Training Consortium in Affective Science Fellowship (T32-
	MH020006)
2015-2016	UC Berkeley Graduate Division Travel Awards
2015-2021	UC Berkeley Department of Psychology Summer Research Fellowships
2013	Holtzberg Fellowship for Clinical and Community Psychology
2012	Phi Beta Kappa, Fall Inductee
2011	Ford Teaching Fellowship
2009-2013	Wesleyan University Dean's List

PUBLICATIONS

Peer-Reviewed Journal Articles

- **Swerdlow, B. A.**, Johnson, S. L., Timpano, K., Porter, P.†, & Dev, A. (in press). Longitudinal associations between internalizing symptoms, social behavior, and social perceptions amid the initial months of the COVID-19 pandemic in the United States: Evidence from a transdiagnostic community sample. *Journal of Affective Disorders*. https://doi.org/10.1016/j.jad.2021.07.093
- Johnson, S. L., **Swerdlow, B. A.**, Tharp, J. A., Chen, S., Tackett, J. L., Zeitzer, J. (2021). Social dominance and multiple dimensions of psychopathology: An experimental test of reactivity to leadership and subordinate roles. *PLoS One*. https://doi.org/10.1371/journal.pone.0250099
- **Swerdlow, B. A.**, & Johnson, S. L. (2020). The Interpersonal Regulation Interaction Scale (IRIS): A multistudy investigation of receivers' retrospective evaluations of interpersonal emotion regulation interactions. *Emotion*. https://doi.org/10.1037/emo0000927
- Johnson, S. L., Zisser, M., Sandel, D., **Swerdlow, B.**, Carver, C. S., Sanchez, A., Fernandez, E. (2020). Development of a brief online intervention to address aggression in the context of emotion-related impulsivity: Evidence from a wait-list controlled trial. *Behaviour Research and Therapy*, *134*, 103708. https://doi.org/10.1016/j.brat.2020.103708
- Johnson, S. L., Sandel, D., Zisser, M., Pearlstein, J., **Swerdlow, B.**, Sanchez, A., Fernandez, E., & Carver, C. S. (2020). A brief online intervention to address aggression in the context of emotion-related impulsivity for those with remitted bipolar disorder: Feasibility, acceptability and pilot outcome data. *Journal of Behavioral and Cognitive Therapy*, *30*, 65-74. https://doi.org/10.1016/j.jbct.2020.03.005
- **Swerdlow, B. A.***, Pearlstein, J.*, Sandel., D., Mauss, I., & Johnson, S. L. (2020). Maladaptive behavior and affect regulation: A functionalist perspective. *Emotion*, 20, 75-79. https://doi.org/10.1037/emo0000660
- Peckham, A. D., **Swerdlow, B. A.**, & Johnson, S. L. (2019). Working memory capacity interacts with emotion regulation strategies to predict symptoms of mania. *Psychiatry Research*, 281, 112551. https://doi.org/10.1016/j.psychres.2019.112551
- **Swerdlow, B. A.**, Pearlstein, J., & Johnson, S. L. (2019). Multivariate associations of ideal affect with clinical symptoms. *Emotion*, *19*, 617-628. https://doi.org/10.1037/emo0000468
- **Swerdlow, B. A.** (2018). Tracing the evolution of the Tarasoff duty in California. *Journal of Sociology and Social Welfare*, 45, 25-38.
- Johnson, S. L., Swerdlow, B. A., Treadway, M., Tharp, J. A., & Carver, C. S. (2017).
 Willingness to expend effort toward reward and extreme ambitions in bipolar I disorder. *Clinical Psychological Science*, 5, 943-951.
 https://doi.org/10.1177/2167702617718181
- **Abravanel**, **B. T.**, & Sinha, R. (2015). Emotion dysregulation mediates the relationship between lifetime cumulative adversity and depressive symptomatology. *Journal of Psychiatric Research*, 61, 89-96. https://doi.org/10.1016/j.jpsychires.2014.11.012
- Gabert-Quillen, C. A., Bartolini, E. E., **Abravanel, B. T.**, & Sanislow, C. A. (2015). Ratings for emotion film clips. *Behavior Research Methods*, 47, 773-787. https://doi.org/10.3758/s13428-014-0500-0

Peer-Reviewed Conference Abstracts

Swerdlow, B. A., & Johnson, S. L. (2021). Associations between intra- and inter-personal emotion regulation. *Affective Science*.

Book Chapters

- Johnson, S. L., **Swerdlow, B. A.**, Pearlstein, J. & Ironside, M., & Carver, C. S. (2021). The approach system as a component of personality. In O. P. John & R. W. Robins (Eds.), *Handbook of personality: Theory and research* (4th ed.). New York: NY: Guilford Press.
- Johnson, S. L., Pearlstein, J., **Swerdlow B. A.**, & Carver, C. S. (2018). Mood-related impulsivity in the onset and course of mood disorders. In S. Sangha & D. Foti (Eds.), *Neurobiology of abnormal emotion and motivated behaviors: Integrating animal and human research*. Academic Press: Cambridge, MA. https://doi.org/10.1016/B978-0-12-813693-5.00002-2
- Johnson, S. L., **Swerdlow, B. A.**, Pearlstein, J., & McMaster, K. (2016). Bipolar disorder in couple and family therapy. In J. Lebow, A. Chambers, & D. C. Breunlin (Eds.), *Encyclopedia of couple and family therapy*. Springer International Publishing. https://doi.org/10.1007/978-3-319-15877-8 441-1

Under Review

- **Swerdlow, B. A.**, Sandel, D. B., & Johnson, S. L. (under revision). Shame on me for needing you: Links between interpersonal emotion regulation and experiences of shame.
- **Swerdlow, B. A.**, Pearlstein, J. G., Sandel, D. B., & Johnson, S. L. (invited chapter, under review). Negative affect and non-suicidal self-injury. In I. Baetens, E. Lloyd-Richardson, & J. Whitlock (Eds.), *The Handbook of Nonsuicidal Self-Injury*. Oxford University Press.
- **Swerdlow, B. A.**, Sandel, D. B., Pearlstein, J. G., & Johnson, S. L. (under review). Momentary emotion goals and spontaneous emotion regulation in daily life: An ecological momentary assessment study of desire for arousal versus calm.
- Sandel, D. B., Pearlstein, J. G., **Swerdlow, B. A.**, & Johnson, S. L. (under review). Who disengages from emotion and when?: An EMA study of how urgency and distress intolerance relate to daily emotion regulation.
- Sandel, D. B., **Swerdlow, B. A.**, Tharp, J. A., & Johnson, S. L. (under review). The interaction of shame and urgency in non-suicidal self-injury and suicide attempts.

In Preparation

- Maddox, M.†, **Swerdlow, B. A.**, & Johnson, S. L. (in preparation). Actor-partner associations of emotion-related impulsivity with internalizing symptoms and relationship satisfaction in romantic couples before and during the COVID-19 pandemic.
- Anvar, S.†, **Swerdlow, B. A.**, Jobes, D., Timpano, K., & Johnson, S. L. (in preparation). Emotion-related impulsivity and suicidal ideation: Toward a more specific model.
- Robinson, M., Anvar, S.†, **Swerdlow, B. A.**, Timpano, K., & Johnson, S. L. (in preparation). Emotion-related impulsivity and suicide: Do the associations hold beyond rumination?
- Stuart, R.†, **Swerdlow, B. A.**, & Johnson, S. L. (in preparation). Links between impulsivity, antagonism, and sexually coercive behavior in a college student sample.
- Levitan, J. M.†, & **Swerdlow, B. A.** (in preparation). Morality in the age of Reddit: Demonstrating a text mining approach to predicting moral judgments of parenting behavior on r/AITA
- Marks, L. C.*†, Levitan, J. M.*†, **Swerdlow, B. A.**, Timpano, K., & Johnson, S. L. (in preparation). Emotion-related impulsivity, physiological arousal, and speech disfluency: Behavioral evidence from a transdiagnostic community sample.

- **Swerdlow, B. A.**, Johnson, S. L., & Berk, L. (in preparation). Experiences of interpersonal emotion regulation: A cross-sample comparison of college students, adults with emotionally impulsive aggression, and adults with lifetime bipolar diagnoses.
- **Swerdlow, B. A.** & Johnson, S. L. (in preparation). Interpersonal emotion regulation in daily life: Perceived benefits and associations with well-being, loneliness, and future support-seeking.
- **Swerdlow, B. A.**, & Sippel, L. (in preparation). Do our gold-standard treatments for PTSD improve social and relational functioning?: A systematic review and meta-analysis.

† undergraduate or post-baccalaureate student mentored by me

PRESENTATIONS

Oral Presentations

- Sandel, D. B., Pearlstein, J., **Swerdlow, B.**, & Johnson, S. L. (2021, May). *State and trait emotion dysregulation: An EMA study of how urgency and distress intolerance relate to daily emotion regulation strategy use*. Flash talk at the 2021 Association for Psychological Science (APS) Annual Convention.
- **Swerdlow, B. A.**, & Johnson, S. L. (2021, April). *Wanting vs. liking: Associations between intra- and inter-personal emotion regulation*. Virtual flash talk presented at the annual meeting of the Society for Affective Science. https://osf.io/4prhe/
- Marks, L. C.*†, Levitan, J. M.*†, Yadav, A.†, Hannawi, J.†, **Swerdlow, B. A.**, Timpano, K., & Johnson, S. L. (2021, April). *Emotion-related impulsivity and speech disfluency*. Virtual flash talk presented at the annual meeting of the Society for Affective Science.
- **Swerdlow, B. A.** & Johnson, S. L. (2018, August). *Interpersonal emotion regulation in daily life: Associations with perceived benefits, wellbeing, social connectedness, and future support-seeking*. Oral presentation at the annual Affective Science Training Consortium summer workshop, Berkeley, CA.
- **Swerdlow, B. A.**, & Johnson, S. L. (2017, October). *Toxic side effects of interpersonal emotion regulation: Focus on shame*. Oral presentation at the UC Berkley Clinical Science Colloquium, Berkeley, CA.
- **Swerdlow, B. A.**, & Johnson, S. L. (2017, July). *Toxic side effects of interpersonal emotion regulation*. Oral presentation at the annual Affective Science Training Consortium summer workshop, Berkeley, CA.
- Peckham, A. D., Johnson, S. L., & **Swerdlow, B. A.** (2015, November). *Working memory capacity interacts with emotion regulation strategies to predict mania over time*. In A. Dodd (Chair), "Cognitive Style and Emotion Regulation in Bipolar Disorder." Symposium at the Association for Behavioral and Cognitive Therapies 49th Annual Convention, Chicago, IL.

Posters

- Sandel, D. B., Modavi, K., **Swerdlow, B. A.**, Tharp, J. A., Timpano, K. R., & Johnson, S. L. (2021, November). *Does shame trigger self-harm?: The interaction of shame and urgency is associated with more frequent NSSI (but not suicide attempts) across two samples*. Submitted for presentation at the annual meeting of the Association for Behavioral and Cognitive Therapies, New Orleans, LA.
- Price, L.†, **Swerdlow, B. A.**, & Johnson, S. L. (2021, May). *Relationship satisfaction during COVID-19: The role of emotional support and social engagement*. Presented

^{*} co-first author

- at the 7th annual MQ Mental Health Science Summit, virtual.
- Maddox, M.†, **Swerdlow, B. A.**, & Johnson, S. L. (2021, May). *Couples in COVID-19: The effects of impulsivity on relationship satisfaction and internalizing symptoms*. Presented at the 7th annual MQ Mental Health Science Summit, virtual.
- **Swerdlow, B. A.**, & Johnson, S. L. (2020, March). Experiences of interpersonal emotion regulation: Exploratory and confirmatory factor analyses of recipients' ratings of recalled interactions. Presented at the annual meeting of the Society for Affective Science, virtual.
- **Swerdlow, B. A.**, & Johnson, S. L. (2019, March). *Interpersonal emotion regulation in daily life: Perceived effectiveness, psychological wellbeing, loneliness, and future support-seeking*. Presented at the annual meeting of the Society for Affective Science, Boston, MA.
- **Swerdlow, B. A.**, Sandel, D. S., & Johnson, S. L. (2018, April). *Shame on me for needing you: Results of a daily diary study of interpersonal emotion regulation*. Presented at the annual meeting of the Society for Affective Science, Los Angeles, CA.
- **Swerdlow, B. A.**, Tharp, J. A., Chen, S., Tackett, J. L., Carney, D. R., Kriegsfeld, L. J., & Johnson, S. L. (2017, September). *Social dominance and physiological reactivity: Ties to symptomatology*. Presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO.
- **Swerdlow, B. A.**, & Johnson, S. L. (2017, April). *Multivariate associations between ideal affect and transdiagnostic clinical symptoms*. Presented at the annual meeting of the Society for Affective Science, Boston, MA.
- **Swerdlow, B. A.**, & Johnson, S. L. (2016, October). Wanting more, but finding less: Associations of psychological symptoms with interpersonal emotion regulation. Presented at the annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
- **Swerdlow, B. A.**, & Johnson, S. L. (2016, May). *Associations of psychological symptoms with outcomes of interpersonal emotion regulation*. Presented at the annual UC Berkeley Department of Psychology Poster Session.
- **Swerdlow, B. A.**, Treadway, M. T., & Johnson, S. L. (2016, March). *Goal overvaluation predicts willingness to work for rewards in bipolar I disorder*. Presented at the annual meeting of the Society for Affective Science, Chicago, IL.
- **Abravanel**, **B. T.**, & Sanislow, C. A. (2013). *Emotional memory for film clips*. Presented at the annual Wesleyan University Natural Sciences and Math Poster Session, Middletown, CT.
- **Abravanel**, **B. T.**, & Sanislow, C. A. (2013). *Emotion memory for film clips*. Presented at the annual Wesleyan University Psychology Research Poster Session, Middletown, CT.
- Brugioni, A., **Abravanel, B. T.**, & Sanislow, C. A. (2012). *Developing a stimulus set of film clips to study emotion*. Presented at the annual Wesleyan University Psychology Research Poster Session, Middletown, CT.
- **Abravanel, B. T.** (2011). Social network utilization as a specific correlate of adolescent suicidality. Presented at the inaugural WesSupport Research Presentation Session, Middletown, CT.
- **Abravanel**, **B. T.** (2011). Social network utilization as a specific correlate of adolescent suicidality. Presented at the annual Wesleyan University Quantitative Analysis Center Poster Session, Middletown, CT.

^{*} co-first author

[†] undergraduate or post-baccalaureate student mentored by me

Teaching

2019 **Lead Instructor**

Principles of Psychology

UC Berkeley

Designed a curriculum, syllabus, lesson plans and lecture materials, writing assignments, and exams and delivered lectures for a class of 200 undergraduates. Oversaw two graduate students who assisted with grading.

2017-2021 Independent Study Mentor

Supervised Independent Research

UC Berkeley

Supervised and mentored undergraduates (1-4 per semester) who were pursuing research opportunities outside of the classroom.

2015-2021 Graduate Student Instructor

Clinical Psychology

Developmental Psychopathology Psychology of Personality (2)

Human Happiness (2)
Introduction to Psychology

UC Berkeley

For each class, led three, one-hour weekly discussion sections consisting of twenty-five students. Lectured, facilitated discussions and activities, graded student work, and provided assistance in office hours.

Guest Lecturing

"Neurobiology of Anhedonia" for *Clinical Neuropsychology*, UC Berkeley
 "Bipolar Spectrum Disorders and Treatment for Mood Disorders" for *Clinical Psychology*, UC Berkeley

Individual Mentorship

2020-2021 Post-Baccalaureate Student Research Co-Advisor

Mentee: Julia Levenson

<u>Projects:</u> 1) "Emotion-related impulsivity, physiological arousal, and speech dysfluency"; 2) "Morality in the age of Reddit: A text mining approach to predicting moral judgments on r/AITA"

2020-2021 Post-Baccalaureate Student Research Co-Advisor

Mentee: Mackenzie Maddox

<u>Project:</u> "Actor-partner associations of emotion-related impulsivity with internalizing symptoms and relationship satisfaction in romantic couples before and during the COVID-19 pandemic"

2020-2021 Undergraduate Honors Thesis Research Co-Advisor

Undergraduate Research Apprentice Program (URAP) Mentor

Mentee: Robin Stuart

<u>Thesis:</u> "Multiple paths to sexual coercion: Associations between dark triad personality traits, emotion-related impulsivity, and sexual coaxing and coercing behavior in undergraduates"

2020-2021 Undergraduate Honors Thesis Research Co-Advisor

Undergraduate Research Apprentice Program (URAP) Mentor

Mentee: Sarah Anvar

<u>Thesis</u>: "Impulsivity and suicidality: Differential associations of emotion-related impulsivity with acute suicidal affective disturbance, suicidal ideation, and suicide attempts"

2020-2021 Undergraduate Honors Thesis Research Co-Advisor

Undergraduate Research Apprentice Program (URAP) Mentor

Mentee: Lauren Price

Thesis: "Predicting changes in couples' relationship satisfaction amid the

COVID-19 pandemic"

2016 Student Research Opportunities Program (SROP) Co-Advisor

Mentee: Anthony Miles

Project: "Depression and consistency of self across interpersonal contexts"

2011-2013 Peer Tutor and Mentor

Foundations of Contemporary Psychology

Psychopathology

Dean's Office, Wesleyan University

2011 Ford Teaching Fellow & Writing Mentor

English Department, Wesleyan University

Selected Feedback from Teaching Evaluations:

"This teacher obviously is a master at his craft."

"Ben Swerdlow captures students' attention and enhances their understanding of the material by fostering in—class discussion, giving examples to prove his claims, and staying after class to answer questions. He always offers his time to help students better understand the material."

"He is very well versed in the subject and his passion for the subject is very evident in his very thorough lectures. He is also very articulate and is good at breaking down rather complicated concepts."

"Professor Swerdlow's classes are extremely engaging in the sense that the material that he teaches is not just from the slides, but also just relevant concepts that he knows that can interest us. As a result, I oftentimes find myself in class just completely immersed into the topic matter without even having to try."

"Ben is one of the best lecturers I have seen. He really knows all of the concepts very well and uses his slideshows only for visuals or demonstrations. He breaks down concepts very well and often asks for student participation for engagement with the content. He is always

asking for questions and does not mind clarifying any of the concepts. He also seems very passionate about his field so it makes the presentations that much more engaging."

"He knew the material extremely well. It was very obvious that he came to class prepared and excited to teach us. Each of his slides had an important contribution to the lectures and lecture content was explained well. Great person, very accessible. I went to many office hours and he was very receptive to students who came for all kinds of reasons. He encouraged us to do the best of our ability, and tested us accordingly. His tests were challenging, which forced students to engage with the material on a deeper level."

"Ben is very approachable and is very knowledgeable and passionate about his field of study. He always handles questions well and encourages students to ask questions, share their thoughts, and provides helpful resources. He does a great job at making something as complicated as psychopathology, easier to understand and I feel that it is because of his discussion, that I am doing well in the class."

SERVICE

2021-	Member, Diversity, Equity, and Inclusion Committee, Dartmouth-Hitchcock
	Medical Center Department of Psychiatry
2021-	Member, LGBTQIA+ Employee Research Group, Dartmouth-Hitchcock
	Medical Center
2019-2020	Co-Creator and Inaugural Mentor, Department of Psychology Graduate
	Student Mentorship Program, UC Berkeley
2019-2020	Clinical Science Graduate Student Year Representative, UC Berkeley
2017-2018	Member, Clinical Science Colloquium Committee, UC Berkeley
2017	Member, Clinical Science Admissions Committee, UC Berkeley
2015-2021	Member, Graduate Assembly of Students in Psychology, UC Berkeley

METHODOLOGICAL & STATISTICAL EXPERTISE

Ecological Momentary Assessment Multilevel Modeling Ambulatory Acoustic Sampling Factor Analysis

Ambulatory Psychophysiology Structural Equation Modeling

Measure Development Actor-Partner Interdependence Modeling

Observational Coding Regularized Regression

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Society for Ambulatory Assessment

Society for Affective Science

Society for Research in Psychopathology

Association for Psychological Science

American Psychological Association

Psi Chi (International Honor Society in Psychology)

Active Minds

Mind Matters (Psychology Magazine), Editor: 2010-2013

EDITORIAL ACTIVITIES

Journal of Affective Disorders, ad hoc reviewer

2020 SAGE Open, ad hoc reviewer 2019-2021 Emotion, ad hoc reviewer

PRIOR RESEARCH EXPERIENCES

2015-2021 **Doctoral Student Researcher**

CALM Program

Department of Psychology, UC Berkeley

Advisor: Sheri Johnson, Ph.D.

Developed methods for collecting and analyzing data on interpersonal emotion regulation interactions in daily life, including autobiographical recall, daily diaries, ecological momentary assessment (EMA), ambulatory acoustic monitoring using the Electronically Activated Recorder, and a novel selfreport measure (Swerdlow & Johnson, 2020). Developed a manual for cultural informant coding of acoustically monitored interpersonal emotion regulation interactions. Contributed to the development, implementation, and analysis of an online intervention for adults with clinical problems with anger, aggression, and emotion-related impulsivity, including spearheading the implementation of EMA procedures for collecting supplementary treatment data (Johnson et al., 2020). Contributed to the development of a method for rating and analyzing affective features, acoustic features, lexical features, and pragmatic features of brief speeches for a study of transdiagnostic mechanisms of internalizing and externalizing psychopathologies. Conducted or consulted on statistical analyses for research on self-harm and emotionrelated impulsivity (Sandel et al., under review), bipolar disorder (Johnson et al., 2017), and social dominance (Johnson et al., 2021), including clusterrobust and multilevel modeling, path modeling, and functional principal components analysis (fPCA). Conducted diagnostic (e.g., Structured Clinical Interview for DSM-5) and other semi-structured clinical interviews (e.g., Beck Lethality Scales). Trained, supervised, and mentored teams of 6-15 undergraduate and post-baccalaureate research assistants in research methodology; professionalism and ethics in human subjects research; data collection, management, cleaning, and analysis; behavior coding; and professional development.

2013-2015 Research Assistant

Yale Stress Center

Yale School of Medicine, Department of Psychiatry, Yale University <u>Supervisors</u>: Rajita Sinha, Ph.D., & Matthew Stults-Kohlemainen, Ph.D.

Study coordinator: Food Cues, Stress, Motivation for Highly Palatable Foods and Weight Gain (R01 DK099039) and research assistant: Effect of Prazosin on Alcohol Craving, Stress Dysregulation and Alcohol Relapse (R01 AA020504); conducted telephone screenings and evaluated potential participants; maintained an active caseload of 5-15 participants; consented potential participants and conducted assessments at intake, baseline, and follow-up, comprising interviews, self-assessments, mood-induction procedures, and physiological assessments, including heart rate variability

analysis and salivary cortisol; conducted independent research projects (e.g., Abravanel & Sinha, 2015); data entry, management, and analysis.

2010-2013 Undergraduate Research Assistant

Cognitive, Affective, Personality Science (CAPS) Laboratory Department of Psychology, Wesleyan University Advisor: Charles Sanislow, Ph.D.

Team leader: *Development of a New Stimulus Set of Emotion Elicitation Film Clips* (Gabert-Quillen et al., 2014); conducted research sessions, including mood-induction sessions and EEG sessions; data entry, management, and analysis; presented findings at annual poster sessions. Developed, wrote, and presented an undergraduate honors thesis.

SPECIALIZED RESEARCH TRAINING

2018	fMRI Methods in Affective Science. One-day workshop presented by Brian
	Knutson, Ph.D., Stanford University.
2017	Responsible Conduct in Research. Month-long workshop series presented
	by Victoria Sharma, Ph.D., UC Berkeley Extension.
2017	Studying Emotion Expression. One-day workshop presented by Dacher
	Keltner, Ph.D., UC Berkeley.
2017	Autonomic Nervous System Methods in Affective Science. One-day
	workshop presented by Robert Levenson, Ph.D., UC Berkeley.
2016-2018	Affective Science Grant Writing. Three one-day workshops presented by
	Aric Prather, Ph.D., Judith Ford, Ph.D., Kristen Lagattuta, Ph.D., and
	Howard Rosen, Ph.D., UC Berkeley.
2016	Non-Human Animal Models in Affective Science. One-day workshop
	presented by Karen Bales, Ph.D., UC Davis.
2015	Text Analysis Fundamentals: Parts 1-3. Three one-day workshops
	presented by Adam Anderson, Ph.D., UC Berkeley.