

# Eva E. Dicker

## CURRICULUM VITAE

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### Research Interests

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My laboratory performs basic and translational research to understand how naturalistic emotion regulation works, how emotion regulation protects against physical and psychological health such as Alzheimer's disease and depression, and how we might be able to modify emotion regulation through accessible interventions. We utilize interdisciplinary approaches toward understanding emotion and factors that impact emotion, including high resolution imaging techniques, neuroendocrine and salivary approaches, and novel experimental paradigms to understand brain-behavior relationships.

### Employment

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2023 – Present                      **Assistant Professor**  
Department of Psychology, Seattle University, WA

### Education

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2019 – 2023                      **Ph.D. in Psychological Sciences**  
Rice University, Houston, TX  
*Advisors:* Bryan Denny, Ph.D. & Stephanie Leal, Ph.D.  
*Dissertation:* Let Me Count the Ways: Untangling Emotion Polyregulation Across Contexts

2020 – 2022                      **Graduate Certificate for Teaching and Learning**  
Center for Teaching Excellence  
Rice University, Houston, TX

2019 – 2022                      **M.A. in Psychological Sciences**  
Rice University, Houston, TX  
*Advisors:* Bryan Denny, Ph.D. & Stephanie Leal, Ph.D.  
*Thesis:* Examining the Role of Psychological Distancing During the COVID-19 Pandemic

2014 – 2018                      **B.A. in Psychology, Minor in English**  
University of California, Berkeley, CA

2017                                      **Trauma Informed Approaches to Teaching Certificate**  
Peer Health Exchange  
University of California, Berkeley, CA

### Fellowships and Honors

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2024                                      Center for Teaching Excellence Graduate Teaching Award for Independent Instruction (\$100 Award)  
2023                                      Center for Teaching Excellence Graduate Teaching Award for Independent Instruction (Finalist)  
2023                                      Society for Affective Science Best Poster  
2023                                      Society for Affective Science Best Abstract

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2021 Center for Teaching Excellence Graduate Fellowship (\$1000 Award)  
2021 Society for Affective Science Best Abstract

## Research Grants

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2024 **Seattle University Summer Faculty Fellowship**  
Seattle University Office of Sponsored Projects  
Title: Investigating the Relationship Between Cognitive Control, Heart Rate Variability, and Sequential Regulatory Implementation  
Score: 35.7; Award: \$7100; Status: Awarded

2023 **NIH National Research Service Award Fellowship (F31)**  
National Institute of Aging  
Title: Inflammatory mechanisms underlying the association between emotion polyregulation and depression in spousal Alzheimer's disease and Alzheimer's disease related dementia caregivers  
Impact score: 30; NIA Funding Line for FY 2023: 40; Status: Declined to tenure-track position at Seattle University

2022 **Dissertation Research Improvement Grant**  
Rice University School of Social Sciences Research Institute  
Title: Let Me Count the Ways: Untangling Emotion Polyregulation Across Contexts  
Award: \$5000; Status: Completed

2022 **Psychological Sciences Research Grant**  
American Psychological Association of Graduate Students  
Title: Two is Better Than One: Examining Emotion Polyregulation in Bereaved Spouses  
Award: \$1000; Status: Completed

## Publications

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\* *Indicates equal author contribution*

### Peer Reviewed Publications

1. Hayes, B. K., Harikumar, A., Ferguson, L. A., **Dicker, E. E.**, Denny, B. T., & Leal, S. L. (2023). Emotion regulation during encoding reduces negative and enhances neutral mnemonic discrimination in individuals with depressive symptoms. *Neurobiology of Learning and Memory*, 205, 107824.
2. Moncada-Jiménez, J., **Dicker, E. E.**, Chacón-Araya, Y., Peralta-Brenes, M., Briceño-Torres, J.M., Villarreal-Ángeles, M., Salazar-Villanea, M., & Johnson, D. K. (in press). Exploring handgrip strength as a cross-cultural proxy of body composition and upper body strength in older adults from Costa Rica and Kansas. *Journal of Cross-Cultural Gerontology*.
3. Denny, B. T., Lopez, R. B.\* , Jungles, M.\* , Goodson, P.\* , **Dicker, E. E.\***, Chavez, J.\* , Jones, J. S.\* (2023). Unpacking reappraisal: a systematic review of fMRI studies of distancing and reinterpretation. *Social Cognitive and Affective Neuroscience*, 18(1), nsad050.
4. **Dicker, E. E.\***, Goodson, P.\* , Denny, B. T. "Neuroscience of Emotion Regulation." *Oxford Bibliographies in "Psychology"*. Ed. Dovigi, M. New York: Oxford University Press, February 2023. DOI: 10.1093/OBO/9780199828340-0309

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5. Brown, R. L., Chen, M. A. Paoletti, J., **Dicker, E. E.**, Wu, E. L., LeRoy, A. S., Majd, M., Fagundes, C. P. (2022). Emotion regulation, heart rate variability, and psychological wellbeing among older adults. *Frontiers in Psychology*, 3284.
6. **Dicker, E. E.**, Jones, J. S., & Denny, B. T. (2022). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. *Frontiers in psychology*, 13.

### Manuscripts Under Review and Revision

1. **Dicker, E. E.**, Jones, J. S., Kunik, M. E., & Denny, B. T. (under review). Emotion regulation strategies to improve outcomes in caregivers of people with Alzheimer's disease and related dementias: A systematic review. *Journal of Health Psychology*.
2. Denny, B. T., Lopez, R. B.\*, Wu, E. L.\*, **Dicker, E. E.\***, Goodson, P.\*, Jungles, M.\*, Fan, J., Schulz, K., Koenigsberg, H. W. (under review). Longitudinal training in cognitive reappraisal enhances emotion regulation success in borderline personality disorder patients: evidence from self-reported negative affect and whole brain pattern expression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.

### Manuscripts In Preparation

1. **Dicker, E. E.**, Denny, B. T. (in prep). An examination of individual differences on negative affect and synergistic strategy selection during emotion polyregulation.
2. **Dicker, E. E.**, Brown, R. L., Denny, B. T., Fagundes, C. P. (in prep). Cognitive reappraisal and expressive suppression frequency predict differential changes in grief symptomology over time in bereaved spouses.
3. **Dicker, E. E.**, Wu, E. L., Fagundes, C. P. (in prep). A theoretical model linking perceived social isolation to Alzheimer's Disease and related dementias.

### Other Publications

1. Top Ranked Abstracts from the 2023 Annual Meeting of the Society for Affective Science. (in press). *Affective Science*.
2. Goodson, P. N.\*, **Dicker, E. E.\***, & Denny, B. T. (2023). Emotion Regulation Approaches. *Lifestyle Psychiatry: Through the Lens of Behavioral Medicine*.
3. Top Ranked Abstracts from the 2021 Annual Meeting of the Society for Affective Science. (2022). *Affective Science*. 2022 Jan 21:1-11. doi: 10.1007/s42761-021-00066-6.
4. **Dicker, E. E.** (2018). N. Owings-Fonner (Ed.) Research roundup: Healthy aging and the positivity effect. *APA Practice Update*, 16(2).
5. **Dicker, E. E.** (2018). N. Owings-Fonner (Ed.) Research roundup: Complications of comorbid PTSD and Opioid Use Disorder. *APA Practice Update*, 15(6).
6. **Dicker, E. E.**, & Bufka, L. (2017) Research roundup: Marijuana use and cognitive processes. *APA Practice Update*, 14(16).
7. **Dicker, E. E.**, & Bufka, L. (2017). Research roundup: Using computers to treat schizophrenia. *APA Practice Update*, 14(14).

### Poster Presentations

1. **Dicker, E. E.**, Brown, R. L., Denny, B. T., Fagundes, C. P. (March, 2023). Cognitive reappraisal and expressive suppression frequency predict differential changes in grief symptomology over time in bereaved spouses. Poster presented at Society for Affective Science 2023 Annual Conference.
2. Denny, B. T., Lopez, R. B., Jungles, M., **Dicker, E. E.**, Goodson, P., Chavez, J., Jones, J. S. (November, 2022). Unpacking cognitive reappraisal: A meta-analysis of neuroimaging studies of

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psychological distancing and reinterpretation. Poster presented at the Society for Neuroscience's 2022 conference.

3. **Dicker, E. E.**, Jones, J. S., & Denny, B. T. (December, 2021). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. Poster presented at the University of Texas Health 27<sup>th</sup> Annual Neuroscience Poster Session.
4. **Dicker, E. E.**, Leal, L. S., Fagundes, C. P, & Denny, B. T. (November, 2021). Exploring the interaction between emotion regulation and inflammation on changes in episodic memory in older adults. Poster presented at the Society for Neuroscience's virtual Neuroscience 2021 conference.
5. **Dicker, E. E.**, Jones, J. S., & Denny, B. T. (September, 2021). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. Poster presented at the 3<sup>rd</sup> Annual GCC Mental Health Research Symposium.
6. **Dicker, E. E.**, Jones, J. S., & Denny, B. T. (April, 2021). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. Poster presented at the annual meeting of the Association for Psychological Science.
7. **Dicker, E. E.**, Jones, J. S., & Denny, B. T. (May, 2021). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. Poster presented at the annual meeting of the Social and Affective Neuroscience Society.
8. **Dicker, E. E.**, Jones, J. S., & Denny, B. T. (May, 2021). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. Poster presented at the annual meeting of the Social for Affective Science.
9. Johnson, D. K., Ivanisevic, M., McDowd, J., Cahn-Weiner, D., & **Dicker, E. E.** (August, 2018). Model of self-regulation and health in older adults. Poster presented at the 126<sup>th</sup> annual convention of the American Psychological Association, San Francisco, California.

## Invited Talks

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1. **Dicker, E. E.** (October 3, 2023). Psychological Science Research Methods. Guest speaker for Seattle University Undergraduate Research Journal meeting. Seattle University, Seattle, WA.
2. **Dicker, E. E.** (May 2, 2023). PsycGSA Student Teaching Panel. Organized and moderated a panel giving teaching and career advice to Rice University psychology graduate students. Rice University, Houston, TX.
3. **Dicker, E. E.** (March 21, 2022). Exploring the interaction between emotion regulation and inflammation on changes in episodic memory in older adults. Served as an internal invited speaker for the Cognitive, Health and Affective Science Weekly Seminar. Rice University, Houston, TX.
4. **Dicker, E. E.** (November 9, 2021). *Fostering Student Motivation Inside and Out*. Designed and ran a 90 minute workshop for graduate students a Center for Teaching Excellence Graduate Fellow. Rice University, Houston, TX.
5. **Dicker, E. E.** (July 29, 2021). Graduate student panel for NSF Research Experience for Undergraduates Program. Served as an internal invited speaker for a panel giving research and career advice to aspiring young academics. Rice University, Houston, TX.
6. **Dicker, E. E.** (April 5, 2021). Psychological distancing usage uniquely predicts reduced perceived stress during the COVID-19 pandemic. Served as an internal invited speaker for the Health and Affective Science Weekly Seminar. Rice University, Houston, TX.
7. **Dicker, E. E.** (August 24, 2020). Examining emotion regulation strategy choice during COVID-19. Served as an internal invited speaker for the Health and Affective Science Weekly Seminar. Rice University, Houston, TX.

## Teaching

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Seattle University

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Summer 2024	Psych3440: Cognitive Psychology (8 weeks)
Winter 2024	Psyc3050: Statistics and Research Methods II
Winter 2024	Psyc3440: Cognitive Psychology
Fall 2023	Psyc3030: Statistics and Research Methods I
Fall 2023	Psyc3440: Cognitive Psychology

### Rice University

Fall 2022	Psyc203: Introduction to Cognitive Psychology
Summer 2022	Psyc101: Introduction to Psychology
Spring 2022	Teaching Demonstration: <i>Personality Assessments</i> Center for Teaching Excellence
Spring 2022	Guest Lecture: <i>Emotion and Cognition</i>
Spring 2022	Psyc203: Introduction to Cognitive Psychology; Dr. Bart Moore
Spring 2022	Guest Lecture: <i>Linear Regression</i>
Spring 2022	Psyc340: Psychology Research Methods; Dr. Chase Leanne-Brown
Spring 2022	Teaching Demonstration: <i>Emotion Regulation and Health</i> Center for Teaching Excellence
Spring 2022	Teaching Demonstration: <i>The Science of Emotion</i> Center for Teaching Excellence
Spring 2022	Teaching Assistant
Spring 2021	Psyc203: Introduction to Cognitive Psychology, Dr. Bart Moore
Spring 2021	Teaching Assistant
Spring 2021	Psych354: Social and Affective Neuroscience, Dr. Bryan Denny

### UC Berkeley

Fall 2016	Peer Health Educator, Peer Health Exchange
Fall 2014	Volunteer Instructor, UC Berkeley Daycare

### **Mentorship**

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2022	Ridwana Islam Rice University Research Symposium (RURS) 1. Islam, R., <b>Dicker, E. E.</b> , & Denny, B. T. (May, 2022). Enhancing emotion regulation training during the COVID-19 pandemic. Poster presented at the Rice Undergraduate Research Symposium at Rice University.
2022	Faith Tsang Seven Lakes High School AP Capstone Diploma Program 1. Tsang, F., <b>Dicker, E. E.</b> (April, 2022). Long-term effects of Hurricane Katrina on mental health across socioeconomic status. Poster presented at the AP Capstone Poster Symposium at Seven Lakes High School.
2022	Gabriel Rodriguez Carnegie Vanguard High School AP Capstone Diploma Program 1. Rodriguez, G., <b>Dicker, E. E.</b> , & Goodman, P. (April, 2022). <i>Scream: The film that changed the slasher genre</i> . Poster presented at the AP Capstone Poster Symposium at Carnegie Vanguard High School.
2021	Morike Ayodeji

NIH Summer Internship Program (SIP)

1. Ayodeji, M., **Dicker, E. E.**, & Denny, B. T. (August, 2021). Longitudinal effects of a cognitive reappraisal intervention on COVID-19-related stress. Poster presented at the annual meeting of the NIH Summer Poster Day.

Rice University Summer Undergraduate Research Fellowship (SURF)

1. Ayodeji, M., **Dicker, E. E.**, & Denny, B. T. (July, 2021). Longitudinal effects of a cognitive reappraisal intervention on COVID-19-related stress. Poster presented at the Rice University SURF Symposium.

2021

Taria Dearborne

NSF Research Experiences for Undergraduates (REU) Program

1. Dearborne, T., **Dicker, E. E.**, & Denny, B. T. (July, 2021). Effects of a cognitive reappraisal intervention on COVID-19-related stress. Poster presented at the NSF REU Poster Symposium at Rice University.

## Professional Activities

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### Institutional Service

2022	Rice Undergraduate Research (RURS) Symposium Judge
2022 – 2023	Health and Affective Science Seminar Coordinator
2022 – 2023	PsycGSA Officer: Professional Development Chair
2021	Rice Undergraduate Research (RURS) Symposium Judge
2020 – 2021	Health and Affective Science Seminar Coordinator
2020 – 2021	PsycGSA Officer: Social Outreach Coordinator
2017 – 2019	Senior Editor, Undergraduate Journal of Psychology at Berkeley

### *Articles Edited*

1. Cheung, A. (2019). **E. E. Dicker** (Ed.). Verbal working memory capacity under induced emotional states: Does emotion influence the memory for words? *The Berkeley Undergraduate Journal of Psychology*, 12.
2. John, R. A., & Duval, E. R. (2018). **E. E. Dicker** (Ed.). The Relationship Between Cumulative Stress and Pattern Separation and Pattern Completion Performance. *The Berkeley Undergraduate Journal of Psychology*, 11, 26-35.

### Reviewer

Social Cognitive and Affective Neuroscience  
American Journal of Geriatric Psychiatry

### Science Outreach

2017 – 2019  
Periodic Contributor; *APA Practice Update*  
American Psychological Association, Practice Directorate  
Washington, DC