

# Eva E. Dicker

## CURRICULUM VITAE

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### Research Interests

My laboratory performs basic and translational research to understand how naturalistic emotion regulation works to protect against physical and psychological health issues such as Alzheimer's disease and depression, and how we can 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 experimental paradigms to understand brain-behavior relationships.

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### Academic Appointments

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

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### Education

2023     **Ph.D. in Psychological Sciences**  
*Focus in Cognitive & Affective Neuroscience*  
*Focus in Health Psychology & Behavioral Medicine*  
Advisors: Bryan Denny, Ph.D. & Stephanie Leal, Ph.D.  
Dissertation: Let Me Count the Ways: Untangling Emotion Polyregulation Across Contexts  
Rice University, Houston, TX

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

2022     **M.A. in Psychological Sciences**  
*Focus in Cognitive & Affective Neuroscience*  
*Focus in Health Psychology & Behavioral Medicine*  
Advisors: Bryan Denny, Ph.D. & Stephanie Leal, Ph.D.  
Thesis: Examining the Role of Psychological Distancing During the COVID-19 Pandemic  
Rice University, Houston, TX

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

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### Fellowships and Honors

2024     Center for Teaching Excellence Graduate Teaching Award for Independent Instruction (\$500 Award)  
2023     Center for Teaching Excellence Graduate Teaching Award for Independent Instruction (Finalist)  
2023     Society for Affective Science Best Poster

*Updated 05.02.2024*

2023 Society for Affective Science Best Abstract  
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 due to acceptance of 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. Denny, B. T., Lopez, R. B.\*, Wu-Chung, E. L.\*, **Dicker, E. E.\***, Goodson, P. N.\*, Fan, J., ... & Koenigsberg, H. W. (In Press). Training in cognitive reappraisal normalizes whole-brain indices of emotion regulation in borderline personality disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
2. 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.
3. Moncada-Jiménez, J., **Dicker, E. E.**, Chacón-Araya, Y., Peralta-Brenes, M., Briceño-Torres, J. M., Villarreal-Ángeles, M., ... & Johnson, D. K. (2023). Exploring Handgrip Strength as a Cross-cultural Correlate of Body Composition and Upper Body Strength in Older Adults from Costa Rica and Kansas. *Journal of Cross-Cultural Gerontology*, 38(3), 223-244.
4. 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.

Updated 05.02.2024

5. **Dicker, E.E.\***, & Goodson, P.\*, Denny, B.(2023). *The Neuroscience of Emotion Regulation*. Oxford University Press.
6. 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.
7. **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.

### **Manuscripts In Preparation**

1. **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.
2. **Dicker, E. E.**, Denny, B. T. (in prep). An examination of individual differences on negative affect and synergistic strategy selection during emotion polyregulation.
3. **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.

### **Other Publications**

1. Goodson, P. N.\* , **Dicker, E. E.\*** , & Denny, B. T. (2023). Emotion Regulation Approaches. *Lifestyle Psychiatry: Through the Lens of Behavioral Medicine*.
2. Top Ranked Abstracts from the 2023 Annual Meeting of the Society for Affective Science. (in press). *Affective Science*.
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**

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1. **Dicker, E. E.**, Leal, L.L., & Denny, B. T. (April, 2024). An Examination of Individual Differences on Negative Affect and Synergistic Strategy Selection During Emotion Polyregulation. Poster presented at the annual meeting of the Social and Affective Neuroscience Society.
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 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

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

#### **Instructor of Record**

Fall 2022 Psyc203: Introduction to Cognitive Psychology  
Summer 2022 Psyc101: Introduction to Psychology

#### **Guest Lectures**

Spring 2022 Title: *Emotion and Cognition*  
Psyc203: Introduction to Cognitive Psychology; Dr. Bart Moore  
Spring 2022 Title: *Linear Regression*  
Psyc340: Psychology Research Methods; Dr. Chase Leanne-Brown

#### **Teaching Demonstrations**

Spring 2022 Title: *Personality Assessments*  
Center for Teaching Excellence  
Spring 2022 Title: *Emotion Regulation and Health*  
Center for Teaching Excellence  
Spring 2022 Title: *The Science of Emotion*  
Center for Teaching Excellence

#### **Teaching Assistantships**

Spring 2022 Psyc203: Introduction to Cognitive Psychology, Dr. Bart Moore  
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., **Dicker, E. E.**, & 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., **Dicker, E. E.** (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., **Dicker, E. E.**, & Goodman, P. (April, 2022). *Scream: The film that changed the slasher genre*. 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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### Professional Affiliations

Member, Society for Affective Science  
Member, Social Affective Neuroscience Society  
Member, Association for Psychological Science  
Member, American Psychological Association

### 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