

**Bruna Martins-Klein, Ph.D**  
*Curriculum Vitae*

University of Southern California  
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Department of Psychology

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Academic Positions

- 2022- current      **Assistant Professor**, Clinical Psychology  
University of Southern California
- 2018- 2022      **Assistant Professor**, Clinical Psychology  
University of Massachusetts, Amherst
- 2017- 2018      **Clinical Postdoctoral Fellow**, Geropsychology  
VA Boston Healthcare System
- 2016- 2017      **Clinical Intern**, Geropsychology  
VA Boston Healthcare System
- 2011- 2016      **Ph.D. Student**, Emotion & Cognition Lab  
University of Southern California
- 2009- 2011      **Research Assistant**, Cognitive Control & Psychopathology Lab  
Washington University in St. Louis
- 2007- 2009      **Research Assistant**, Learning Research & Development Center  
University of Pittsburgh

Education

- 2017      **Ph.D., Clinical Psychology (Geropsychology Track)**  
University of Southern California
- 2013      **M.A., Clinical Psychology**  
University of Southern California
- 2009      **B.S., Neuroscience & Psychology (Summa Cum Laude)**  
University of Pittsburgh

Licensure

- 2020- current      **Licensed Psychologist, Massachusetts (MA 11329, NPI 1740879642)**

Grants

2021-2026	<b>National Endowment for the Arts- Research Lab Award</b> <i>Title:</i> Measurement of professional dance training exposures and health correlates in 18 to 85-year-old adults <i>Role:</i> Co-Investigator (PI: Ashton McCullough)	\$429,228
2020-2023	<b>NIA F31 AG 069409-01</b> <i>Title:</i> The Role of Autobiographical Memory in Late-Life Emotion Regulation <i>Role:</i> Sponsor (PI: Irina Orlovsky*)	\$117,696
2018-2019	<b>NIA R56 AG 058685</b> <i>Title:</i> Sleep and Emotion Processing in Aging: Implications for Mood Disorders in Aging and Alzheimer's Disease <i>Role:</i> Collaborator (PI: Dr. Rebecca Spencer)	\$296,908
2018-2019	<b>Human Magnetic Resonance Center (hMRC) Pilot Grant</b> University of Massachusetts, Amherst Intramural Grant <i>Role:</i> Co-PI (with Dr. Rebecca Ready)	\$8,600
2012– 2015	<b>NSF Graduate Research Fellowship (GRFP)</b>	\$30,000
2008- 2009	<b>NIMH R25 MH 054318</b> Undergraduate Mental Health Research Fellowship	\$8,500

Publications*Peer-Reviewed Journal Articles*

- Martins-Klein, B.**, Orlovsky, I\*., Heideman, K.\* (2022). Remembering past challenges to feel better today: Role of neural dedifferentiation and autobiographical integration in late-life reappraisal. *Aging, Neuropsychology, and Cognition*, 29(3), 599-619.
- Montagrin, A., **Martins-Klein, B.**, Sander, D., & Mather, M (2021). Effects of hunger on emotional arousal responses/attention memory biases. *Emotion*, 21(1), 148–158.
- Ready, R. E., Orlovsky, I.\*, & **Martins-Klein, B.** (2021). Older and younger adult definitions of emotion terms: A qualitative analysis. *Aging & Mental Health*, 25(12), 2374-2383.
- Martins-Klein, B.**, Bamonti, P. A., Owsiany, M., Naik, A., & Moye, J. (2021). Age differences in cancer-related stress, spontaneous emotion regulation, and emotional distress. *Aging & Mental Health*, 25(2), 250-259.
- Martins-Klein, B.**, Alves, L. A., Chiew, K. S (2020). Proactive versus reactive emotion regulation: A dual-mechanisms perspective. *Emotion*, 20(1), 87.
- Martins, B.**, Florjanczyk, J., Jackson, N. J., Gatz, M., & Mather, M. (2018). Age differences in emotion regulation effort: Pupil response distinguishes reappraisal and distraction for older but not younger adults. *Psychology and Aging*, 33(2), 338-349.
- Martins, B.**, Sheppes, G., Gross, J. J., & Mather, M. (2018). Age differences in emotion regulation choice: Older adults use distraction less than younger adults in high-intensity positive contexts. *The Journals of Gerontology: Series B*, 73(4), 603-611.

\* denotes mentored graduate students, undergraduates, and lab managers

- Barber, S. J., Opitz, P. C., **Martins, B.**, Sakaki, M., & Mather, M. (2016). Thinking about a limited future enhances the positivity of younger and older adults' recall: Support for Socioemotional Selectivity Theory. *Memory & Cognition*, *44*(6), 869-882.
- Martins, B.**, Ponzio, A., Velasco, R., Kaplan, J., & Mather, M. (2015). Dedifferentiation of emotion regulation strategies in the aging brain. *Social Cognitive and Affective Neuroscience*, *10*(6), 840-847.
- Westbrook, A., **Martins, B. S.**, Yarkoni, T., & Braver, T. S. (2012). Strategic insight and age-related goal neglect influence risky decision-making. *Frontiers in Neuroscience*, *6*(68), 1-13.

#### *Manuscripts in Preparation*

- Martins-Klein, B.**, Orlovsky, I\*, Waite, E. E., & Dixon-Gordon, K. L. (*revise & resubmit*). What you do and why you do it: Impact of strategies and goals on emotion regulation effectiveness in the context of depressive symptoms.
- Martins-Klein, B.**, Sullivan, D.R., & Hayes, J. P. (*revise & resubmit*). Decreased fMRI regulatory activity in PTSD versus trauma-exposed controls during emotion regulation strategy use.
- Heideman, K\*, Ginn, J., & **Martins-Klein, B.** (*in prep*) Avoidance enhances anxiety and ageism in response to perceived threat during the COVID-pandemic.
- Martins-Klein, B.**, Griffith, E., Heideman, K\*. O'Connor, D.\*, Orlovsky, I.\* & Alwan, E\* (*in prep*) Cognitive coping and perspective-taking among older adults during the COVID-19 pandemic: An ecological model investigation.

#### *Book Chapters*

- Whitbourne, S. K. & **Martins, B.** (2020). Psychotherapy with the Underserved Older Adult Population. In J. Zimmerman, J. Barnett, & L. Campbell (Eds.), *Bringing Psychotherapy to the Underserved* (pp 263). New York, New York: Oxford University Press.
- Martins, B.**, & Mather, M. (2016). Default mode network and later-life emotion regulation: Linking functional connectivity patterns and emotional outcomes. In A. D. Ong & C. E. Löckenhoff (Eds.), *Emotion, aging, and health* (pp. 9-29). Washington, DC, US: American Psychological Association.

#### Talks/Presentations

- Martins-Klein, B.**, Heideman, K. \*, & Ginn, J. (April, 2022) Avoidance enhances anxiety and ageism in response to perceived threat during the COVID-pandemic. Cognitive Aging Conference, Atlanta, Georgia.
- Orlovsky, I \*, Ready, R. E., & **Martins-Klein, B.** (November, 2021). Socioemotional goals and definitions of emotion terms: A qualitative analysis across age. Gerontological Society of America, Phoenix, AZ.
- Choi, Y.J\*. DeFontes, C\*., Shankar, S\*., Alwan, E.B\*., **Martins-Klein, B.** (May, 2021). Proactive control benefits younger, but not older adults during reappraisal of negative images. APS Virtual Convention.
- Heideman, K.\*, Ginn, J., **Martins-Klein, B** (May, 2021). Coping matters: Approach and avoidance strategies moderate the association between infectability threat and implicit ageism during the COVID-19 pandemic. APS Virtual Convention.

- DeFontes, C\*., Theos, G., Choi, Y\*., **Martins-Klein, B** (May, 2021). Impact of State Mindfulness Induction on Negativity Avoidance and Reappraisal Efficacy across age. APS Virtual Convention.
- Orlovsky, I.\* & **Martins-Klein, B.** (May, 2021). The Role of Autobiographical Memory in Late-life Emotion Regulation. APS Virtual Convention.
- Martins-Klein, B.** Decreased Inhibitory Control Activity in Veterans with Post-Traumatic Stress Disorder (PTSD) during Emotion Regulation (March, 2020). Cognitive Neuroscience Society Annual Meeting, Virtual due to COVID.
- Orlovsky, I.\*, Ready, R.E., & **Martins-Klein, B.** Socioemotional Goals and Definitions of Emotion Terms: A Qualitative Analysis Across Age. Cognitive Aging Conference (April, 2020 cancelled due to COVID-19).
- Martins-Klein, B.,** Bamonti, P., Owsiany, M., Naik, A., Moye, J.A. Age Differences in Stress, Incidental Emotion Regulation, and Emotional Adjustment to Cancer (April, 2020 cancelled due to COVID-19).
- Longwell, P\*., Choi, Y., Laws, H.B., & **Martins-Klein, B.** Dorsolateral Prefrontal Cortex-Amygdala Resting State Functional Connectivity is less predictive of Reappraisal Success with Increasing Age (March, 2020). Cognitive Neuroscience Society 2020 Annual Meeting, Virtual due to COVID.
- Martins-Klein, B.** Rio2C 2020 BrainSpace Invited Conference Talk Brain and Cognition, who is more capable: A.I. or the human mind?
- Martins, B.** Neural mechanisms of effective emotion regulation in later-life (January 9, 2019). McLean Center for Depression, Anxiety and Stress Research. Belmont, MA.
- Martins, B** & Hayes, J.P. Decreased fMRI Regulatory Activity in PTSD versus Trauma-Exposed Controls during Emotion Regulation Strategy Use (April 2018). Harvard Medical School Psychiatry Research Mysell Conference. Boston, MA.
- Vicaria, I.M. & **Martins, B.** Moderational role of aging and meditation on negative affect within the National Survey of Midlife Development in the United States (May 2017). Association for Psychological Science. Boston, MA.
- Durbin, K., **Martins, B.,** & Mather, M. Age differences in appraisal and reappraisal of negative pictures (November 2016). Gerontological Society of America, New Orleans, LA.
- Martins, B.,** Florjanczyk, J., Amirian, T., Brasfield, K., Jackson, N. & Mather, M. Age-related differences in cognitive effort during emotion regulation (November 2016). Gerontological Society of America, New Orleans, LA.
- Martins, B.,** Tranton, H., Aboseif, A., Sheppes, G., Gross, J. & Mather, M. Effect of arousal and valence on emotion regulation choice in older and younger adults (November 2014). Gerontological Society of America, Washington, D.C.
- Martins, B.,** Velasco, R., Ponzio, A., Kaplan, J. & Mather, M. (April 2013). Multi-voxel pattern analyses reveal age-differences in specificity of emotion regulation strategies. Cognitive Neuroscience Society, San Francisco, CA.

\* denotes mentored graduate students, undergraduates, and lab managers

**Martins, B.**, Yarkoni, T., Westbrook, A., Braver, T.S, Strategy training reduces risk aversion, but less so in older adults: A case of goal neglect? (Nov 2010) Society for Judgment and Decision-Making: St. Louis, MO.

**Martins, B.S.**, Scullin, M.K., Cole, M.W., LaMontagne, P, Braver, T.S, McDaniel, M.A. A multiprocess view of the neural mechanism of prospective memory (July 2010). 3rd International Prospective Memory Conference, Vancouver, BC.

**Martins B.S.**, Pathak S., Bleicher A., Schneider W. Minimizing brain network damage via fMRI and Diffusion Weighted Imaging in neurosurgical planning (June, 2009). Human Brain Mapping, San Francisco, CA.

Cole M.W., Kunkel A., **Martins B.S.**, Schneider W. The neural basis of rapid instructed task learning (November, 2008). Society for Neuroscience, Washington, DC.

Boada F., Schneider W., Pathak S., **Martins B.S.**, Davis D., Bleicher A. Integration of diffusion weighted imaging and fMRI to identify differential fiber loss in pre-surgical planning (September, 2008). ISMRM Cancer Workshop, Nice, France.

Pathak S\*, **Martins B.S\***, Cole M.W., Schneider W. Anatomical and functional segmentation of the cognitive control network: Supporting a preliminary cognitive control network connectome. Cognitive Neuroscience Society (April, 2008). San Francisco, CA.

Cole M.W., **Martins B.S.**, Schneider W. The neural basis of rapid instructed task learning. Cognitive Neuroscience Society (April, 2008). San Francisco, CA.

### Teaching Experience

Fall/Spring 2019-2022	<b>PSYCH 789- Clinical Practicum</b> , UMass Amherst, Instructor & Supervisor <ul style="list-style-type: none"><li>Year-long Acceptance and Commitment Therapy (ACT) lifespan therapy team for clinical psychology and educational psychology Ph.D trainees. Co-facilitated ACT telehealth group with Amherst Senior Center</li></ul>
Fall 2019 & Fall 2021	<b>PSYCH 683- Adult Assessment</b> , UMass Amherst, Instructor and Supervisor <ul style="list-style-type: none"><li>Required core seminar on foundations of Adult Assessment for Clinical Psychology Ph.D students</li></ul>
Fall 2018 & Spring 2020	<b>PSYCH 365- Psychology of Aging</b> , UMass Amherst, Instructor <ul style="list-style-type: none"><li>60-student undergraduate diversity course on biopsychosocial factors in the experience of aging; interactive demos and discussion led in 15-student small groups with undergraduate TAs focused on facets of ageism and anti-ageism</li></ul>
Spring 2019	<b>PSYCH 391- Seminar on Health and Aging</b> , UMass Amherst, Instructor <ul style="list-style-type: none"><li>25-student undergraduate research seminar on biological impacts on psychological functioning in late life</li></ul>
Spring 2015	<b>PSYCH 660- Clinical Neuropsychological Assessment</b> , USC, TA

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Didactic Presentations

- Martins, B.** Building confidence and community during uncertain times: Psychological tools for holding uncertainty with our seniors. (April 28, 2021). Small and Rural Conference 2021 – Massachusetts Council on Aging (MCOA)- Online.
- Martins, B.** Multimodal investigations of emotion regulation across the lifespan. UMass Amherst Neuroscience Club Presentation (October 29, 2019). Amherst, MA.
- Martins, B.** Emotion regulation and mental health in later-life. Institute for Diversity Sciences Health Group Seminar (March 18, 2019). Amherst, MA.
- Martins, B.** Cracking the age-related emotion-cognition paradox: Linking memory to late-life emotion regulation. UMass Week of Memory and Forgetting (November 1, 2018). Amherst, MA.
- Martins, B & Bamonti, P.** Coping with difficult diagnoses: Stress, Coping and Outcomes. Geriatric Mental Health Seminar- Brockton VA (June 2018). Brockton, MA.
- Martins, B.** Later-Life Stereotypes and Identity: Impact of Ageism in Aging Trajectories. Geriatric Mental Health Seminar- Brockton VA (April 2018). Brockton, MA.
- Martins, B.** Theories of Cognitive Aging: A Neuroscience Perspective. Geriatric Mental Health Seminar- Brockton VA (Jan 2018). Brockton, MA.
- Martins, B.\***, Gutierrez, I.A.\* Creating your research program: How to develop a unified research narrative during graduate school. Symposium at the APA Annual Convention (Aug 7 2015). Toronto, CA.
- Martins, B.** Emotion regulation in the aging brain. VALB Neuropsychology Seminar (Feb 24, 2015), VA Long Beach.
- Martins, B.S.\***, Guzman-Velez, E.\* Giving yourself an edge: Frank advice on funding for graduate research. Symposium at the APA Annual Convention (Aug 9, 2014). Washington D.C.
- Martins, B.** Statistical procedures in MRI data analysis. Graduate Consultation and Computer Center (GC3) Lecture Series (Mar 12, 2014) USC, Los Angeles, CA.

Clinical Experience

- 2019- 2022      **Psychological Services Center**, UMass Amherst, Clinical Supervisor
- Teach didactics and supervise Ph.D trainees on outpatient individual and group therapy cases with younger and older adults. Established lifespan Acceptance and Commitment Therapy (ACT) team, and co-facilitated telehealth group with trainees in collaboration with Amherst Senior Center
- 2017- 2018      **VA Boston Healthcare System**, Geropsychology Clinical Postdoctoral Fellow
- Individual and group psychotherapy with Veterans in Geriatric MH outpatient clinic. Provided consultation and end-of-life services on SCI rehab and Palliative Care/Hospice inpatient treatment teams
  - Neuropsychological and capacity assessments in Geriatric primary care, inpatient nursing home, and outpatient Neuropsychology clinic settings

\* denotes mentored graduate students, undergraduates, and lab managers

2016- 2017 **VA Boston Healthcare System**, Geropsychology Intern

- Individual and group therapy to Veterans in the Geriatric Mental Health and Behavioral Medicine outpatient clinics, with specialty in diabetes burnout support
- Consultation liaison psychologist on SCI rehab and Palliative Care/Hospice inpatient treatment teams

### Awards and Honors

2020-2021 Center for Research on Families (CRF) Family Research Scholar, UMass Amherst

2020 Duke NIA Summer School in Social Neuroscience and Neuroeconomics

2016 Gerald C. Davison Award for Scientific Writing in Clinical Psychology

2011- 2016 USC Provost's Ph.D. Fellowship

2014 USC 2020 Social Neuroscience Summer Fellowship

2011 APAGS Junior Scientist Fellowship, Honorable Mention

2005–2009 University Honors College Full-Tuition Scholarship, University of Pittsburgh

2006 Summer Undergraduate Research Fellowship, Children's Hospital of Pittsburgh

2006 Undergraduate Fellowship in Pathology, University of Pittsburgh Medical Center

2004 National Hispanic Merit Scholar

### Professional Associations

- American Psychological Association- Division 12-II, 20 & Division 40
- Gerontological Society of America
- Cognitive Neuroscience Society
- Society for Affective Neuroscience
- Society for Affective Science
- Society for Neuroscience
- Council of Professional Geropsychology Training Programs (CoPGTP)

2018 – 2019 **Council of Professional Geropsychology Training Programs (CoPGTP)**  
*Newsletter and Social Media Editor*

2013 – 2015 **APA Graduate Student Association (APAGS)**  
*Appointed Science Subcommittee Member*

### Reviews

- Review Editor, *Frontiers in Aging Neuroscience*
- *Emotion*
- *Journal of Experimental Psychology*
- *Cognition and Emotion*
- *American Journal of Psychiatry*
- *Cognition*
- *Clinical Gerontologist*

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Clinical Workshops/Seminars/Trainings

- Aug. 2018     **American Diabetes Association-APA Mental Health Provider Diabetes Education Program**
- Oct. 2016     **Motivational Interviewing in Primary Care**  
Sarah Bankoff Leone, Ph.D.
- April 2016    **Resolving Complex Ethical and Multicultural Dilemmas in Psychological Practice**  
Erica H. Wise, Ph.D
- April 2015    **Teaching Evidence-Based Practices in a University Context: From Driving the Car to Building the Car**  
Bruce Chorpita, Ph.D
- Dec. 2014     **Understanding the DSM 5: Problems and Prospects in the Diagnostic Revisions**  
Greg Neimeyer, Ph.D.
- April 2014    **Introduction to Acceptance and Commitment Therapy**  
Emmanuel Espejo, Ph.D.
- April 2014    **Dialectical Behavior Therapy**  
Lynn McFarr, Ph.D.
- Oct. 2013     **Dancing with ‘The Risks’: Safe Steps, Tricky Steps, & Landmines**  
Steven Frankel, Ph.D., J.D.
- April 2013    **CBT for Insomnia**  
Joseph M. Dzierzewski, Ph.D
- Sept. 2012    **Cognitive Processing Therapy: An Overview**  
Patricia A. Resick, Ph.D., ABPP
- Oct. 2011     **Law & Ethics Greatest ‘Hits’: Alerting You to the Most Frequent Problems for Mental Health Professionals**  
Steven Frankel, Ph.D., J.D.
- Feb. 2011     **Motivational Interviewing: What It Is, How It Works, How to Learn It**  
William Miller, Ph.D.

Languages

- English (fluent), Portuguese (fluent), French (proficient)