

Ryan L. Brown

713-348-8126 | rlb11@rice.edu

EDUCATION

2022 (expected) - Ph.D. in Psychological Sciences Rice University
Houston, TX

2020 (expected) - M.A. in Psychological Sciences Rice University
Houston, TX

Thesis Title: The Hearty Immune System:
An Investigation of Postprandial Inflammatory
Responses

2017 - B.A. in Applied Psychology Bryant University
Summa cum laude Smithfield, RI

Minors: Applied Statistics;
Business Administration; Economics.
SAS certification in data mining

RESEARCH GRANTS

As PI:

Principal Investigator, *Relationship Satisfaction and Stimulated Cytokine Production
Among Alzheimer's Spousal Caregivers*
NIA/NIH, F31, 6/1/2021-5/31/2023
\$55,612
Status: Submitted

Principal Investigator, *Affective Response to Conflict and Stimulated Cytokine Production
Among Alzheimer's Spousal Caregivers*
NIA/NIH, F31, 6/1/2020-5/31/2022
\$135,762
Status: Resubmitted; Impact score: 36

PEER-REVIEWED PUBLICATIONS

Published

(*Equal author contribution)

LeRoy, A. S., Petit, W., **Brown, R.**, Murdock, K., Stowe, R. P., Garcini, L., & Fagundes, C. P.
(2020). Relationship satisfaction determines the association between Epstein Barr Virus
(EBV) latency and somatic symptoms after the loss of a spouse. *Personal
Relationships*, 1-22.

- *Burrows, D., *Phetmisy, C. N., Watson, I., **Brown, R. L.**, & Beier, M. E. (2020). Coffee and corporate social responsibility: Not as simple as revitalizing anti-sexual harassment and racial discrimination training. *Industrial and Organizational Psychology*, 13, 216-218.
- Garcini, L. M., Chen, M. A., **Brown, R. L.**, LeRoy, A.S., Cano, M.A., Peek, K. & Fagundes, C. P. (2019). “Abrazame Que Ayuda” [Hug Me, It Helps]: Social support and the effect of perceived discrimination on depression among U.S. and foreign-born Latinxs in the United States. *Journal of Racial and Ethnic Health Disparities*.
- Brown, R. L.**, Shahane, A.D., Chen, M. A., & Fagundes, C.P. (2020). Cognitive reappraisal and nasal cytokine production following experimental rhinovirus infection. *Brain, Behavior, and Immunity – Health* 1C, 100012.
- Lopez, R. B.,* **Brown, R. L.**,* Wu, E. L.,* Murdock, K. W., Denny, B. T., Heijnen, C., & Fagundes, C. P. (2019). Emotion regulation and immune functioning during grief: testing the role of expressive suppression and cognitive reappraisal in inflammation among recently bereaved spouses. *Psychosomatic Medicine*.
- Garcini, L. M., **Brown, R. L.**, Chen, M. A., Saucedo, L., Fite, A., Forger, L., Pearly, Y., Ziauddin, K., & Fagundes, C. P. (2019). Bereavement among widowed Latinos in the United States: A systematic review of methodology and findings. *Death Studies*.
- Garcini, L. M., Galvan, T., **Brown, R.**, Chen, M. A., & Fagundes, C. (2019). “Miles over mind:” The association of death abroad and psychological distress among undocumented Mexican immigrants. *Death Studies*.
- Fagundes, C. P., **Brown, R. L.**, Chen, M. A., Murdock, K. W., Saucedo, L., LeRoy, A., ... Heijnen, C. (2019). Grief, depressive symptoms, and inflammation in the spousally bereaved. *Psychoneuroendocrinology*, 100, 190–197.
- Garcini, L. M., Chen, M.A., **Brown, R. L.**, Galvan, T., Saucedo, L., Berger Cardoso, J.A., & Fagundes, C. P. (2018). Kicks hurt less: Discrimination predicts distress beyond trauma among undocumented immigrants. *Psychology of Violence*, 8(6), 692-701.
- Seiler, A., Chen, M. A., **Brown, R.**, & Fagundes, C. P. (2018). Obesity, dietary Factors, nutrition, and breast cancer risk. *Current Breast Cancer Reports*, 10(1), 14-27.
- Leroy, A. S., Shields, A. S., Chen, M. A., **Brown, R.**, & Fagundes, C. P. (2018). Alternatives to psychotherapy in improving breast cancer patient’s psychosocial outcomes and quality of life. *Current Breast Cancer Reports*, 10(1), 28-34.
- Weinberger, N., Butler, A., Schumacher, P., McGee, B., & **Brown, R.L.** (2017). Healing spaces

for children: Child life specialists' evaluation of hospital playrooms. *Journal of Interior Design*, 42(2), 71-91.

HONORS AND AWARDS

Graduate Student Travel Award (top prize) (2019). Institute for Biosciences and Bioengineering, Rice University. \$500 awarded for presentation at the Association for Psychosomatic Medicine in March 2019. *Awarded to support biosciences and bioengineering research at national meeting.*

Bryant University Scholar Commencement Award (2017). Bryant University. *Awarded to graduating seniors who have published or have had an article accepted in a peer-reviewed scholarly journal while at Bryant.*

The Janet Morahan-Martin Research Scholar Award (2017). Bryant University. *Awarded to one graduating senior to honor excellence in undergraduate research while at Bryant.*

Honorary Undergraduate Scholar Award (2016). Presented at the New England Psychological Association's annual meeting. *Awarded for outstanding undergraduate record in psychology.*

Psi Chi (2016). *Inducted into international honor society in psychology.*

CONFERENCE PRESENTATIONS

Oral Presentations

Beverly Hery, C.M., **Brown, R.**, Fagundes, C., Christian, L. (2020, April 22). Actigraphy-assessed sleep during pregnancy through one year postpartum and its correspondence with self-report measures [Oral & Poster Presentations]. Ohio State University's Institute for Behavioral Medicine Research (IBMR) Annual Research Day. Columbus, OH [Conference Canceled].

Brown, R. L., Ruiz, R. J., Stowe, R., Garcini, L. M., & Fagundes, C. P. (March, 2019). *For Better or For Worse: Marital Status Predicts Infant Birth Weight Among Pregnant Hispanic Women*. Oral paper presentation to be given at the Association for Psychosomatic Medicine's Annual Meeting.

Brown, R. L., LeRoy, A. S., Heijnen, C. J., & Fagundes, C. P. (May, 2018). *Association between Complicated Grief and Inflammation among Bereaved Adults*. Oral paper presentation at the Psychoneuroimmunology Research Society's Annual Scientific Meeting.

Chirinos, D., Murdock, K., LeRoy, A., **Brown, R. L.**, & Fagundes, C. (Oral presentation at the 38th Annual Meeting of the Society of Behavioral Medicine, 2017) *Depressive symptom*

profiles, cardiometabolic risk and inflammation: Results from the MIDUS study.

Posters

Beverly Hery, C.M., **Brown, R.**, Fagundes, C., Christian, L. (2020, April 22). Actigraphy-assessed sleep during pregnancy through one year postpartum and its correspondence with self-report measures [Oral & Poster Presentations]. Ohio State University's Institute for Behavioral Medicine Research (IBMR) Annual Research Day. Columbus, OH [Conference Canceled].

Brown, R.L., Fagundes, C.P., & Christian, L.M. (2020, March 11-14). *Matters of the Heart: Relationship quality, self-rated health, and longitudinal postpartum heart rate variability.* [Poster Presentation]. Association for Psychosomatic Medicine's Annual Meeting, Long Beach, CA, United States. [Conference Canceled].

LeRoy, A. S., Petit, W. E., **Brown, R. L.**, Murdock, K. W., Garcini, L. M., Stowe, R. P., & Fagundes, C. P. (June, 2019). *The More You Love, The More You Lose: Relationship Satisfaction Determines the Effect Of Stress-related Immune Dysregulation on Health After the Loss of a Spouse.* Poster presented at the Psychoneuroimmunology Research Society's Annual Scientific Meeting.

Brown, R. L., Jones, A., Ruiz, R. J., Stowe, R., & Fagundes, C. P. (March, 2019). *An Examination of the Protective Effects of Marriage in Pregnancy.* Poster presented at the Gulf Coast Consortia's Annual Health Psychology and Behavioral Medicine Symposium.

Brown, R. L., Chen, M. A., Garcini, L. M., & Fagundes, C. P. (February, 2019). *Distress from Family Separation Associated with Clinically Significant Psychological Distress for Undocumented Immigrants.* Poster presented at the Society for Personality and Social Psychology. Portland, OR.

Brown, R. L. & Weinberger, N. *An Evaluation of Children's Attitudes about Careers and Gender.* (June, 2018) Poster presented at the Society for the Psychological Study of Social Issues. Pittsburgh, PA.

Chen, M. A., **Brown, R. L.**, Murdock, K. W., Saucedo, L., LeRoy, A., Wu, L.,...& Fagundes, C.P. *Association Between Depression and Inflammation Among Bereaved Adults.* Poster presented at the 2018 Psychoneuroimmunology Research Society Annual Scientific Meeting.

Chen, M. A., **Brown, R. L.**, Murdock, K. W., Saucedo, L., LeRoy, A., Wu, L.,...& Fagundes, C.P. *Grief, Depressive Symptoms, and Inflammation in the Spousally Bereaved.* Poster presented at the 2018 Gulf Coast Consortia Mental Health Research Symposium.

Updated 3.19.2020

Brown, R. L. & Weinberger, N. *Gendered Media Messages*. (March, 2016) Poster presented at the Eastern Psychological Association meeting. New York, NY.

Butler, A., Weinberger, N., Schumacher, P., & **Brown, R. L.** (2015, May). *Can Kids be Kids Here? The Evaluation of Hospital Playrooms by Child Life Specialists*. Poster presented at the Association for Psychological Science 27th Annual Conference, New York, NY.

Brown, R. L. (2014, August). *Identification and Cloning of the Putative Ganglioside-Binding Proteins from *Borrelia burgdorferi* from MlpD*. Poster presented at the 7th Annual Rhode Island Summer Undergraduate Research Fellowship Conference, Kingston, RI.

ADDITIONAL SPEAKING EXPERIENCE

Campus/Departmental Talks

Brown, R. L. (March 27, 2019). *The Hearty Immune System: An Investigation of Postprandial Inflammatory Responses*. Served as an internal invited speaker for the Health and Affective Science Weekly Seminar. Rice University, Houston, TX.

Brown, R. L. (February 26, 2019). *Graduate Student Panel for Undergraduates*. Served as an internal invited speaker for a panel giving research and career advice to aspiring young academics. Rice University, Houston, TX.

Brown, R. L. (February 19, 2018). *Graduate Student Panel for Undergraduates*. Served as an internal invited speaker for a panel giving research and career advice to aspiring young academics. Rice University, Houston, TX.

Community Talks

Brown, R.L. (November 15, 2019, *recurring invited speaker*). *Stress and Health at St. John's*. Speaker at St. John's School, Houston, TX.

Brown, R.L. (October 28, 2019). *Skype A Scientist: Stress & Health*. Virtual speaker at Marian High School, Omaha, NE.

Brown, R. L. (August 22, 2019). *Stress, Health, and Project HEART*. Speaker at Thomas A. Glazier Senior Education Center, Houston, TX.

Brown, R. L. (June 8, 2019). *Girls in Science: how stress gets under the skin and how we measure it!* Mentor for Girls in Science program. Rice University, Houston, TX.

Brown, R. L. (May 7, 2019). *Project HEART and Your Health*. Speaker at the YMCA of Greater Houston, Houston, TX.

Brown, R. L., Chen, M. A., & Wu, L. (February 26, 2018). *Expanding Your Horizons: How Stress Gets Under the Skin*. Presenter at Expanding Your Horizons in Science and

Mathematics for Middle School Young Women conference. Houston, TX.

ADDITIONAL RESEARCH EXPERIENCE

Research Assistant, *Department of Psychological Sciences, Rice University* (Summer, 2016)
Summer undergraduate research with Project Heart (NIH 5R01HL127260-02), focusing on health psychology and psychoneuroimmunology research.

Research Internship, *Department of Economics, Bryant University* (Fall, 2016)
Federal Reserve Challenge Team, Researcher & Presenter

Research Assistant, *Paradise Kids* (Fall, 2015)
Responsible for compiling best practice therapy procedures and developing a mindfulness program for bereaved children.

Research Internship, *Department of Applied Psychology, Bryant University* (2014-2017)
Research assistant for the department; assisted in qualitative coding, literature reviews, and manuscript writing.

Research Internship, *Department of Science, Bryant University* (Summer 2014)
Summer undergraduate research fellowship through RI-INBRE to identify and characterize potential ganglioside binding proteins that could be involved in late stage Lyme disease neuroborreliosis.

TEACHING AND MENTORING

R Workshop for Undergraduates (Fall 2019-present)
Developed a bi-weekly R workshop for undergraduates in health psychology/affective science. Students learn R basics, the tidyverse, and replicating published analyses using open data.

Honors Thesis Student Mentoring (Fall 2019-present)
2020: Co-advised one honors thesis student (Arya Jones with Dr. Christopher Fagundes).
2019: Co-advised one honors thesis student (Ashley Fite with Dr. Christopher Fagundes).

Undergraduate Research Advising (Fall 2017-present)
Advise 1-6 undergraduate students per semester within BMED Lab.

American Heart Association Summer Internship Mentor (Summer 2019)
Mentored one undergraduate for summer research internship and first poster presentation.

Teaching Assistant

- **Stress & Health Across the Lifespan** (Fall 2018, Fall 2019)
Taught 2 classes, managed and conducted all quizzes, assignments, and exam grading.

Guest Lecturer

- Topic: Building Blocks of Stress Regulation. *Stress & Health Across the Lifespan*
Undergraduate course at Rice University (September 12, 2019).

Updated 3.19.2020

- Topic: Mind-Body Interventions. *Stress & Health Across the Lifespan*. Undergraduate course at Rice University (October 25, 2018).

COMPUTER AND WEB-BASED SKILLS

Software

- R, Kubios HRV, Blimp, SPSS, JMP, Qualtrics, Excel, PowerPoint, Access.

PROFESSIONAL AFFILIATIONS

Current

American Psychosomatic Society (APS).

(Spring 2019- present)

PsychoNeuroImmunology Research Society (PNIRS).

(Spring 2018-present)

Previous

Association for Psychological Science (APS).

(Spring 2015-Spring 2016)

INSTITUTIONAL SERVICE

Rice Health and Affective Science Weekly Seminar coordinator (Fall 2017, Fall 2019)

- Contacted, organized, and coordinated each semester of speakers for the Cognitive and Affective Health Research Interest Group at Rice University.