

Daniel Argueta
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Education

B.A. in Psychology, minor in Neuroscience (2023)
Rice University, Houston, TX
Senior Honors Thesis: *Self Determination Theory in Spousal Caregiving: The Relationship Between Psychological Need Fulfillment, Perceived Stress, Chronic Inflammation, and the Role of Motivation Autonomy*

Grants and Awards

Gateway Travel Award

- Awarded in February 2023
- \$1500

Office of Undergraduate Research and Inquiry (OURI) Conference Grant

- Awarded in February 2023
- \$500

Research Experience

Hebl/King Industrial/Organizational Psychology Laboratory (Spring Semester 2021)

Role: Research Assistant

Supervisors: Mikki Hebl, Ph.D.; Naomi Fa-Kaji, Ph.D.

- Confrontation Literature review, finding and coding articles and journal publications
- Confederate in idea theft and rejection study

Allison Traylor Industrial/Organizational Doctoral Dissertation (Spring Semester 2021)

Role: Research Assistant

Supervisor: Allison Traylor

- Worked on a literature review concerning discrimination in STEM fields
- Populated Qualtrics surveys for experience sampling

Biobehavioral Mechanisms Explaining Disparities (BMED) Laboratory (Summer 2021 to Present)

Role: Research Assistant

Supervisor: Christopher Fagundes, Ph.D.

Project Heart (Summer 2021 to Spring 2022)

Supervisor: Valentina Maza

- Physiological measurements taken, including blood pressure, height, weight, heart rate variability, and phlebotomy.

- Scheduling
- Data entry
- Adult Attachment Interview transcription

Project ACT (Spring 2022 - Present)

Supervisors: Valentina Maza, Ann Wang

- Physiological measurements taken, including blood pressure, height, weight, heart rate variability, and phlebotomy.
- Screening using the EPIC electronic medical record system
- Scheduling
- Data entry
- Assessment including depressive episode diagnosis, cognitive assessments
- Participant recruitment and screening
- Training to Staff and Research Assistants

Manuscripts and Publications

Self Determination Theory in Spousal Caregiving: The Relationship Between Psychological Need Fulfillment, Perceived Stress, Chronic Inflammation, and the Role of Motivation Autonomy (Honors Thesis)

Daniel Argueta, BA; Jensine Paoletti, PhD; Christopher Fagundes, PhD, Rice University

Paoletti, J., **Argueta, D. L.**, Wu-Chung, E. L., Chen, M. A., Brown, R. L., LeRoy, A. S., Murdock, K. W., Thayer, J. F. & Fagundes, C. P. (under review). High heart rate variability buffers the effect of attachment avoidance on sleep.

Garcini, L., Nguyen, K., **Argueta, D.**, Barrita, A., Barrett, A., & Yan, J. (2023, March 25). More Humane Immigration Policies Will Reduce Migrant Trauma: A Conversation with Dr. Alfonso Mercado. Baker Institute. <https://www.bakerinstitute.org/research/more-humane-immigration-policies-will-reduce-migrant-trauma-conversation-dr-alfonso>

Book Chapters

Brain Health, a chapter in Lifestyle Psychiatry: Through the Lens of Behavioral Medicine (In-press)

Daniel Argueta, BA. Rice University; Gia Merlo, MD. New York University

Presentations

1. High Heart Rate Variability Buffers the Effect of Attachment Anxiety on Depressive Symptoms (Poster Presentation at the American Psychosomatic Society)
Jensine Paoletti, PhD; Daniel Argueta, BA, Rice University; E. Lydia Wu-Chung, MA, Rice University; Ryan Brown, PhD, University of California San Francisco; Michelle Chen, PhD, Northwestern

Memberships

American Psychosomatic Society Associate Member: February 2023

Certifications and Skills

Phlebotomy

- Certified by the Texas School of Phlebotomy in September 2021
- Continued practice since Fall 2021
- Training and shadowing of future phlebotomists
- Practice mainly on older populations

EPIC Proficiency

- UT Health approval in July 2021
- Alzheimer's disease and related dementias diagnostic screening

Photography

- Freelance professional photographer
- Portrait, engagement, and landscape photography
- BMED Lab professional headshot and group photographer

Extracurricular Achievements

PSA Certified Figure Skating Coach

- 2016-2023
- 7 years of experience with athletes of all ages

4-time National Figure Skating Championships Competitor: 2016, 2017, 2018, 2019

2017 National Figure Skating Medalist

International Figure Skating Competitor: 2018, 2019

2019 National Figure Skating Championships Coach

References

Christopher Fagundes: Rice University Professor of Psychology
christopher.fagundes@rice.edu

Ann Wang: Rice University BMED Lab Research Coordinator
Aw86@rice.edu
713-348-8167

Roman Zaretsky: Independent Figure Skating Coach and former Olympian
coachzaretsky@gmail.com

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