

ARMIN HOJJATY

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CAREER HIGHLIGHTS

- Data scientist and researcher with 10+ years of experience studying cognitions, behaviors, sleep, stress and coping, and decision-making using quantitative and mixed methods
- 10+ years of experience with big data and microlongitudinal design, experimental and survey design, evidence-based decision-making, and statistical analyses
- 7+ years of experience designing and executing multiple simultaneous research projects
- 7+ years of experience building, managing, leading, and mentoring research teams
- Fellowships and awards recipient for outstanding research (highest rated in scientific impact and published in top-quartile journal), quantitative methods, leadership, and mentorship

KEY PROFESSIONAL EXPERIENCE

Data Scientist | Data & Analytics, Office of Information Technology, CU Boulder | June 2025 – Present

Data Science Research Manager | Stress & Health Lab, UC Merced | August 2020 – May 2025

- Project management and day-to-day supervision of 5 research teams consisting of 30+ researchers
- Designing and executing novel research projects addressing cognitions, sleep, stress, and health using data collection methods such as microlongitudinal experimental research and survey research, and data analytic techniques such as multilevel modeling, structural equation modeling, regression analysis, missing data analysis, and path modeling
- Leading and conducting analyses on microlongitudinal studies using Fitbit wearables, Fitabase, and LifeData with over 10,000+ participant assessments testing relationships between, sleep, psychosocial factors, health behaviors, and cardiometabolic disease risk
- Leading weekly lab meetings, orchestrating group discussion on new and relevant research
- Training researchers on methods, data collection, data analysis, and operationalizing projects

Research Project Manager | Undergraduate Research Opportunities Center | May 2022 – August 2022

- Project management overseeing 6 undergraduate students developing independent research projects through the Summer Undergraduate Research Institute
- Provided data analysis skills and statistical methods insights to students, as well as project construction from start to finish on 6 projects in under 3 months
- Trained and prepared students on project presentation to an audience of 200+ people

Data Analyst II | AML Right Source | May 2019 – July 2020

- Data analysis and interpretation to determine if a person's behavior is in accordance with policy
- Illustrate through written narrative potential suspicious motives, underlying reasoning, and decision-making of individuals for inquiring clients

Behavior & Policy Scientist | Veterans Affairs Health Care System | August 2018 – May 2019

- Conducted scientific research addressing suicide rate disparities and suicide prevention
- Executed a state-by-state policy review to provide recommendations for the United States Department of Veterans Affairs
- Provided empirical evidence to implement upstream and preventative focused programs

OTHER RELEVANT PROFESSIONAL EXPERIENCE

Voting Member | Student Fees Advisory Committee, UC Merced | October 2023 – May 2025

- Discuss and help allocate over \$23 million in funds for student needs across campus

Graduate Student Representative | Psychological Sciences, UC Merced | August 2023 – August 2024

- Liaison to graduate students and faculty, improving information dissemination, planning and executing innovative events, and speaking on behalf of student needs at bi-weekly meetings
- Co-created committee to improve graduate student moral and streamline department tasks
- Helped recruit 30+ prospective student to program

Vice President | Alumni Council | Advisory Board, Delta Beta, Theta Chi | January 2022 – January 2025

- Advised junior leadership to recruit 100+ new members
- Helped raise over \$2 million dollars for housing renovations

Student Assistant | Vice President of Student Affairs, University of Georgia | April 2016 – July 2018

- Gave weekly formal public presentations to incoming freshmen and families on behalf of Student Affairs, providing information on student organizations and clubs on campus

RELEVANT TRAINING AND SKILLS

Research Designs: Microlongitudinal and ecological momentary assessment (daily diary + Fitbit data) design, experimental and survey design

Statistical Methods: Multiple regression analysis, multilevel modeling, missing data analysis, structural equation modeling, bayesian statistics, ANOVA, T-test, path analysis

Coding: R, SAS, SPSS, *Mplus*

Survey Platforms: Qualtrics, LifeData, MTurk, SurveyMonkey

Research Tools: Fitabase, Media Lab and DirectRT

Certificates: Graduate Level Quantitative Methods Certificate, Lean Six Sigma Certificate, Collaborative Institutional Training Initiative

Other Languages: Fluent in Farsi, intermediate Spanish comprehension

RELEVANT PUBLICATIONS

Hojjaty, A., & Zawadzki, M. J. (2023). Examining how morning stress forecasts relate to subsequent ecological momentary assessments of stress and coping. *Stress and Health*.
<https://doi.org/10.1002/smi.3344>

Zawadzki, M. J., Hojjaty, A., Guilas, A. C., Song, A. V (2024). For whom is mind wandering stressful: The moderating role of dispositional emotionality and personality in predicting emotional experiences in everyday life. *Journal of Research in Personality*.
<https://doi.org/10.1016/j.jrp.2024.104472>

EDUCATION

Doctor of Philosophy, Health Psychology | University of California, Merced | Anticipated May 2025

- Eugene Cota-Robles Fellowship Recipient
- Outstanding Paper in Health Psychology Award Recipient
(*highest rated in scientific impact, published in top-quartile journal*)
- Research Dissemination in Health Psychology Award Recipient
- Certificate in Quantitative Methods

Master of Science, Science of Health Care Delivery | Arizona State University | Graduated May 2019

- Liaison data scientist to Veterans Affairs and the University

Bachelor of Science, Psychology and Biology | University of Georgia | Graduated May 2018

- HOPE Scholarship Recipient