

Adela Timmons

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Publications

JOURNAL ARTICLES

1. Timmons, A. C., Han, S. C., Chaspari, T., Kim, Y., Narayanan, S., Duong, J. B., Fiallo, N. S., & Margolin, G. (2023). Relationship satisfaction, feelings of closeness and annoyance, and linkage in electrodermal activity. *Emotion*. <https://doi.org/10.1037/emo0001201>
2. Timmons, A. C., Duong, J. B., Fiallo, N. S., Lee, T., Vo, H. P. Q., Ahle, M. W., Comer, J. S., Brewer, L. C., Frazier, S. L., & Chaspari, T. (2022). A call to action on assessing and mitigating bias in artificial intelligence applications for mental health. *Perspectives on Psychological Science*, 174569162211344. <https://doi.org/10.1177/17456916221134490>
3. Ramos, M. C., Arbel, R., Timmons, A. C., Rodriguez, A. J., & Margolin, G. (2022). Observed parentadolescent coalitions and family hostilities during family discussions: Associations with marital aggression. *Family Process*, 61(3), 1305–1323. <https://doi.org/10.1111/famp.12719>
4. Margolin, G., Daspe, M.-È., Timmons, A. C., Corner, G. W., Pettit, C., Rasmussen, H. F., Chaspari, T., Han, S. C., Arbel, R., Shapiro, L. S., Kazmier-ski, K. F. M., Piero, L. B. D., & Schacter, H. L. (2022). What happens when romantic couples discuss personal loss? Relational, emotional, and physiological impacts. *Journal of Family Psychology*, 36(6), 863–873. <https://doi.org/10.1037/fam0000979>
5. Zhao, X., Coxe, S. J., Timmons, A. C., & Frazier, S. L. (2021). Mental health information seeking online: A google trends analysis of ADHD. *Administration and Policy in Mental Health and Mental Health Services Research*, 49(3), 357–373. <https://doi.org/10.1007/s10488-021-01168-w>
6. Han, S. C., Schacter, H. L., Timmons, A. C., Kim, Y., Sichko, S., Pettit, C., Chaspari, T., Narayanan, S., & Margolin, G. (2021). Romantic partner presence and physiological responses in daily life: Attachment style as a moderator. *Biological Psychology*, 161, 108082. <https://doi.org/10.1016/j.biopsycho.2021.108082>
7. Han, S. C., Baucom, B., Timmons, A. C., & Margolin, G. (2021). A systematic review of respiratory sinus arrhythmia in romantic relationships. *Family Process*, 60(2), 441–456. <https://doi.org/10.1111/famp.12644>
8. Timmons, A. C., Han, S. C., Kim, Y., Pettit, C., Perrone, L., Power, K., Vitale, L., & Margolin, G. (2021). Fluctuations in pronoun use in everyday life: Understanding couple aggression in context. *Journal of Family Psychology*, 35(2), 149–159. <https://doi.org/10.1037/fam0000699>
9. Carl, J. R., Jones, D. J., Lindhiem, O. J., Doss, B. D., Weingardt, K. R., Timmons, A. C., & Comer, J. S. (2021). Regulating digital therapeutics for mental health: Opportunities, challenges, and the essential role of psychologists. *British Journal of Clinical Psychology*, 61(S1), 130–135. <https://doi.org/10.1111/bjc.12286>
10. Han, S. C., Schacter, H. L., Timmons, A. C., Kim, Y., Sichko, S., Pettit, C., & Margolin, G. (2021). Feelings of annoyance and spoken anger words in couples' everyday lives: The role of family-of-origin aggression. *Social Psychological and Personality Science*, 194855062095880. <https://doi.org/10.1177/1948550620958806>
11. Schacter, H. L., Pettit, C., Kim, Y., Sichko, S., Timmons, A. C., Chaspari, T., Han, S. C., & Margolin, G. (2020). A matter of the heart: Daytime relationship functioning and overnight heart rate in young dating couples. *Annals of Behavioral Medicine*, 54(10), 794–803. <https://doi.org/10.1093/abm/kaaa019>
12. Gupta, K., Gujral, A., Chaspari, T., Timmons, A. C., Han, S., Kim, Y., Barrett, S., Sichko, S., & Margolin, G. (2020). Sub-population specific models of couples' conflict. *ACM Transactions on Internet Technology*, 20(2), 1–20. <https://doi.org/10.1145/3372045>

PREPRINTS

BOOKS

BOOK CHAPTERS

1. Timmons, Dr. Adela. C. (2023). Mobile sensing in relationship research (in press). In *Mobile sensing in relationship research*.

Professional Presentations

Data collection tools for digital mental health research

INVITED SYMPOSIUM AT THE ASSOCIATION FOR PSYCHOLOGICAL SCIENCE CONFERENCE

2022

Does family-of-origin aggression moderate the relationship between criticism and physiological responses during conflict episodes captured in romantic couples' daily lives?

SYMPOSIUM PRESENTED AT THE SOCIETY FOR AMBULATORY ASSESSMENT VIRTUAL CONFERENCE

2022

Machine learning innovations for the psychological sciences

INVITED TALK AT THE DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF VIRGINIA

2022

Psychophysiology sensing via wearables to model family well-being

PAPER PRESENTED AT THE SOCIETY FOR AFFECTIVE SCIENCE CONFERENCE IN LONG BEACH, CA

2022

Software development and machine learning models for sensing and fostering child mental health

INVITED TALK AT THE CONFERENCE ON ADVANCES IN DATA SCIENCE THEORY, METHODS, AND COMPUTATION AT THE TEXAS A&M

UNIVERSITY INSTITUTE FOR APPLIED MATHEMATICS AND COMPUTATIONAL SCIENCE

2022

Leveraging early treatment progress data to detect risk of ultimate PCIT nonresponse

PAPER PRESENTED AT THE ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2021

State variation in online information-seeking about ADHD

SYMPOSIUM PRESENTED AT THE ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2021

A matter of the heart: Romantic couple functioning and cardiovascular activity in young adults' everyday lives

SYMPOSIUM ACCEPTED AT THE SOCIETY FOR RESEARCH ON ADOLESCENCE CONFERENCE (CONFERENCE CANCELED)

2020

Bidirectional links between instability in adolescents' daily moods and family conflict

SYMPOSIUM ACCEPTED AT THE SOCIETY FOR RESEARCH ON ADOLESCENCE CONFERENCE (CONFERENCE CANCELED)

2020

Examination of trends in behavioral improvement over the course of a one-year afterschool behavioral intervention using time-series

SYMPOSIUM PRESENTED AT THE ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2020

Machine learning applications for the detection of psychological states in naturalistic settings

INVITED TALK AT THE DEPARTMENT OF PSYCHOLOGY, VANDERBILT UNIVERSITY

2020

Romantic partner presence and physiological regulation in daily life

SYMPOSIUM ACCEPTED AT THE AMERICAN PSYCHOSOMATIC SOCIETY CONFERENCE (CONFERENCE CANCELED)

2020

The Technological Interventions for Ecological Systems (TIES) App for remote sensing of mental health

SYMPOSIUM PRESENTED AT THE ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2020

The automatic detection of couple conflict via wearable sensors

SYMPOSIUM PRESENTED AT THE ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2020

Understand and improve seeking and consumption of mental health information online: A simple probe of ADHD and its treatment on Google using time series analyses

SYMPOSIUM PRESENTED AT THE ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2020

Conference Abstracts

The use of ecological momentary assessment and at-home audio data to develop family conflict profiles

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE CONFERENCE

2023

Microprocesses of behavior and physiology during couple conflict in daily life

AMERICAN PSYCHOLOGICAL ASSOCIATION CONFERENCE

2023

Understanding mental health using multimodal sensing technology and machine learning: A proof of concept study

SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT CONFERENCE

2023

The impact of early adverse experiences on relationship closeness among emerging adults: Examining gender moderated differences

MIAMI INTERNATIONAL CHILD AND ADOLESCENT MENTAL HEALTH CONFERENCE

2022

Associations between adverse life events and negative communication patterns between romantic partners in emerging adulthood

WESTERN PSYCHOLOGICAL ASSOCIATION CONFERENCE

2022

Examining socio-cultural barriers to mHealth tools and services

NIH DIVERSITY SUPPLEMENT PROFESSIONAL DEVELOPMENT AND NETWORKING VIRTUAL WORKSHOP

2022

Parenting in the context of adversity: Parenting practices as a moderator on the link between early exposure to adversity and child mental health symptoms

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE CONFERENCE

2022

Parenting in the context of childhood adversity: Examining the influence of acculturation on the moderation effect of positive parenting

FIU UNDERGRADUATE RESEARCH CONFERENCE

2022

Talking in past and future tense: How mood affects couples' language in conversations

WESTERN PSYCHOLOGICAL ASSOCIATION CONFERENCE

2022

Using multimodal sensing technology to detect and predict mood states

CONFERENCE ON ADVANCES IN DATA SCIENCE THEORY, METHODS, AND COMPUTATION

2022

Using pervasive computing and intensive data design to characterize patterns of emotional regulation

CONFERENCE ON ADVANCES IN DATA SCIENCE THEORY, METHODS, AND COMPUTATION AT THE TEXAS A&M UNIVERSITY INSTITUTE FOR APPLIED MATHEMATICS AND COMPUTATIONAL SCIENCE

2022

Adverse childhood experiences and partners' level of stress as moderators of heart rate

SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT VIRTUAL CONFERENCE

2021

Can caregiver smartphone use predict child and caregiver mental health? An application of machine learning

SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT VIRTUAL CONFERENCE

2021

Humor as a protective factor in the international transmission of aggression

SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT VIRTUAL CONFERENCE

2021

Negative interactions between romantic partners predict elevated skin conductance levels in daily life

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE VIRTUAL CONFERENCE

2021

Partners' stress predicts the use of negative communication styles in young adult romantic couples

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE VIRTUAL CONFERENCE

2021

Precious moments: Examining stress and childhood adversity as moderators of heart rate in romantic couples

FIU UNDERGRADUATE RESEARCH VIRTUAL CONFERENCE

2021

Short-term associations between negative communication and psychological distress in romantic relationships

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE VIRTUAL CONFERENCE

2021

The sensitizing effect of early adversity on daily stress exposure and relationship closeness as a protective factor

ASSOCIATION FOR BEHAVIORAL AND COGNITIVE THERAPIES VIRTUAL CONFERENCE

2021

Using ecological momentary assessment to examine couples' tone, communication, and aggression during everyday relationship distress

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE VIRTUAL CONFERENCE

2021

Aggressive dating couples use more anger and swear words in daily life

ASSOCIATION FOR PSYCHOLOGICAL SCIENCE VIRTUAL CONFERENCE

2020

Couples' tone and communication use during everyday relationship distress: Links with dating aggression

FIU UNDERGRADUATE RESEARCH VIRTUAL CONFERENCE

2020

Feeling aggression: Associations between family-of-origin aggression, relationship aggression, and daily mood

SOCIETY FOR RESEARCH ON ADOLESCENCE CONFERENCE

2020

Honors

Cade Prize for Innovation Fibonacci Finalist

CADE MUSEUM

Gainesville, US

2021

College of Arts, Sciences, and Education Faculty Award for Research

FLORIDA INTERNATIONAL UNIVERSITY

Miami, US

2020

Top Scholar in the Category of Junior Faculty with Major Grants

FLORIDA INTERNATIONAL UNIVERSITY

Miami, US

2020

Funding

Personalizing behavioral parent training: Improving reach and outcomes for families of children with ADHD (consultant)

FUNDING: \$663,750

NIMH,

2022 - 2025

Promoting mental health equity through co-creation of digital mental health technologies (principal investigator)

FUNDING: \$142,842

NIMH,

2022 - 2025

The development and systematic evaluation of a just-in-time Adaptive intervention for improving child mental health (principal investigator)

FUNDING: \$3,100,000

NIMH,

2020 - 2025

Training program in adolescent substance use disorders and co-occurring mental and behavioral disorders (affiliate mentor)

FUNDING: \$1,627,050

National Institute on Drug Abuse,

2019 - 2024

Identifying drug and alcohol displays on social media using a machine learning approach, and mechanisms that impact adolescent substance use (consultant)

FUNDING: \$73,654

Eunice Kennedy Shriver National
Institute of Child Health and Human
Development,
2021 - 2023

The development of a formalized training program in digital mental health (principal investigator)

FUNDING: \$5,000

Association of Psychology
Postdoctoral and Internship
Centers,
2021 - 2021

Examining the influence of parenting practices on youth's sleep health during a sensitive developmental period (secondary mentor)

FUNDING: \$79,903

Eunice Kennedy Shriver National
Institute of Child Health and Human
Development,
2019 - 2021

Assessing disparities in mHealth implementation research (primary mentor)

FUNDING: \$2,000

Florida International University,
2020 - 2020

A technology-facilitated intervention system for improving child mental health (principal investigator)

FUNDING: \$50,000

National Science Foundation,
2018 - 2020

Service

UT Austin Department Colloquium Series

MEMBER

Austin, US
2022 - present

Development and Psychopathology

JOURNAL REVIEWER

Austin, US
2023 - 2023

Advances in Methods and Practices in Psychological Science

JOURNAL REVIEWER

Austin, US
2023 - 2023

Emotion

JOURNAL REVIEWER

Austin, US
2023 - 2023

FIU Clinical Science Program Diversity Statement Committee

MEMBER

Miami, US
2021 - 2022

FIU Clinical Science Program Professional Developmental Committee

MEMBER

Miami, US
2020 - 2022

APA Division 12 Digital Mental Health Task Force Member

MEMBER

Miami, US
2019 - 2022

Emotion

JOURNAL REVIEWER

Miami, US
2020 - 2020

Journal of Social and Personal Relationships

JOURNAL REVIEWER

Miami, US
2020 - 2020

Mentoring and Teaching

MENTORING

Megan Micheletti

DISSERTATION COMMITTEE MEMBER

2022 - present

Mackenzie Zisser

DISSERTATION COMMITTEE MEMBER

2022 - present

Kayla Carta

DISSERTATION SUPERVISOR

2021 - present

Sierra Walters

DISSERTATION SUPERVISOR

2021 - present

Jacqueline Duong

DISSERTATION SUPERVISOR

2020 - present

Avery Hendrick

HONORS THESIS SUPERVISOR

2022 - 2023

Lydia Lovelace

HONORS THESIS SUPERVISOR

2022 - 2023

Sierra Walters

MASTER'S THESIS SUPERVISOR

2021 - 2023

Kayla Carta MASTER'S THESIS SUPERVISOR	2021 - 2023
Anna Beth Madden-Rusnak MASTER'S THESIS COMMITTEE MEMBER	2021 - 2022
Jacqueline Duong MASTER'S THESIS SUPERVISOR	2020 - 2022
Natalie Hong DISSERTATION COMMITTEE MEMBER	2020 - 2021
Xin Zhao DISSERTATION COMMITTEE MEMBER	2020 - 2021

TEACHING

Applied Data Science INSTRUCTOR	2023 - 2023
Introduction to Data Science INSTRUCTOR	2022 - 2022
Childhood Trauma and Adversity INSTRUCTOR	2022 - 2022
Introduction to Data Science INSTRUCTOR	2021 - 2021
Senior Seminar in Psychology: Childhood Trauma and Adversity INSTRUCTOR	2021 - 2021
Introduction to Data Science INSTRUCTOR	2020 - 2020