

# Adela Timmons

✉ [adela.timmons@austin.utexas.edu](mailto:adela.timmons@austin.utexas.edu)

## 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

### Parenting in the context of adversity: Parenting practices as a moderator of the link between early exposure to adversity and child mental health symptoms (primary mentor)

FUNDING: \$2,000

Florida International University,

2021 - 2022

### 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

<b>Lydia Lovelace</b> HONORS THESIS SUPERVISOR	2022 - 2023
<b>Sierra Walters</b> MASTER'S THESIS SUPERVISOR	2021 - 2023
<b>Kayla Carta</b> MASTER'S THESIS SUPERVISOR	2021 - 2023
<b>Anna Beth Madden-Rusnak</b> MASTER'S THESIS COMMITTEE MEMBER	2021 - 2022
<b>Jacqueline Duong</b> MASTER'S THESIS SUPERVISOR	2020 - 2022
<b>Natalie Hong</b> DISSERTATION COMMITTEE MEMBER	2020 - 2021
<b>Xin Zhao</b> DISSERTATION COMMITTEE MEMBER	2020 - 2021

TEACHING

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