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., Kazmierski, 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

Professional Presentations

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*

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

Association for Psychological Science 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*

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   *Gainesville, US*

Cade Museum   *2021*

College of Arts, Sciences, and Education Faculty Award for Research
Miami, US
Florida International University
2020

Top Scholar in the Category of Junior Faculty with Major Grants
Miami, US
Florida International University
2020

Funding

Personalizing behavioral parent training: Improving reach and outcomes for families of children with ADHD (consultant)
NIMH,
Funding: $663,750
2022 - 2025

Promoting mental health equity through co-creation of digital mental health technologies (principal investigator)
NIMH,
Funding: $142,842
2022 - 2025

The development and systematic evaluation of a just-in-time Adaptive intervention for improving child mental health (principal investigator)
NIMH,
Funding: $3,100,000
2020 - 2025

Training program in adolescent substance use disorders (affiliate mentor) and co-occurring mental and behavioral disorders
National Institute on Drug Abuse,
Funding: $1,627,050
2019 - 2024

Identifying drug and alcohol displays on social media using a machine learning approach, and mechanisms that impact adolescent substance use (consultant)
Eunice Kennedy Shriver National Institute of Child Health and Human Development,
Funding: $73,654
2021 - 2023

The development of a formalized training program in digital mental health (principal investigator)
Association of Psychology Postdoctoral and Internship Centers,
Funding: $5,000
2021 - 2021

Examining the influence of parenting practices on youth's sleep health during a sensitive developmental period (secondary mentor)
Eunice Kennedy Shriver National Institute of Child Health and Human Development,
Funding: $79,903
2019 - 2021

Assessing disparities in mHealth implementation research (primary mentor)
Florida International University,
Funding: $2,000
2020 - 2020

A technology-facilitated intervention system for improving child mental health (principal investigator)
National Science Foundation,
Funding: $50,000
2018 - 2020

Service

UT Austin Department Colloquium Series
Austin, US
Member
2022 - present

Advances in Methods and Practices in Psychological Science
Austin, US
Journal reviewer
2023 - 2023

Emotion
Austin, US
Journal reviewer
2023 - 2023

FIU Clinical Science Program Diversity Statement Committee
Miami, US
Member
2021 - 2022

FIU Clinical Science Program Professional Developmental Committee	*Miami, US*
MEMBER	*2020 - 2022*
APA Division 12 Digital Mental Health Task Force Member	*Miami, US*
MEMBER	*2019 - 2022*
Emotion	*Miami, US*
JOURNAL REVIEWER	*2020 - 2020*
Journal of Social and Personal Relationships	*Miami, US*
JOURNAL REVIEWER	*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*
Childhood Trauma and Adversity	
INSTRUCTOR	*2022 - 2022*
Introduction to Data Science	
INSTRUCTOR	*2021 - 2021*

Senior Seminar in Psychology: Childhood Trauma and Adversity

<small>Instructor</small>   *2021 - 2021*

Introduction to Data Science

<small>Instructor</small>   *2020 - 2020*

Senior Seminar in Psychology: Childhood Trauma and Adversity

<small>Instructor</small>   *2020 - 2020*