

ADELA C. TIMMONS, PH.D.

Pronouns: she, her, hers
Curriculum Vitae

Assistant Professor

Clinical Psychology
Institute for Mental Health Research
Department of Psychology
University of Texas at Austin
adela.timmons@austin.utexas.edu

108 Dean Keeton St
Austin, TX 78712

Director, TIES Lab

Technological Interventions for Ecological Systems
tieslab.la.utexas.edu, [@tieslab_utexas](https://twitter.com/tieslab_utexas)

President and CEO

Colliga Apps Corporation
co-league-a, Latin for “you collect”
adela.timmons@colliga.io
colliga.io

ACADEMIC APPOINTMENTS

Tenure Track Assistant Professor

2022-present

Clinical Psychology
Department of Psychology
University of Texas at Austin

Tenure Track Assistant Professor

2018-2022

Clinical Science and Quantitative Psychology
Center for Children and Families
Department of Psychology
Florida International University

EDUCATION

Predoctoral Clinical Psychology Fellow

2017-2018

University of California, San Francisco
Public Service and Minority Cluster
Early Childhood Trauma Specialization

Dual Ph.D., University of Southern California

2011-2018

Clinical Science and Quantitative Psychology
Child and Family Track

Advisors: Dr. Gayla Margolin and Dr. Jack McArdle

Dissertation: Ambulatory Assessment Methods for Capturing
Naturalistic Couple Interactions in Daily Life

M.A., University of Southern California

2011-2013

Advisors: Dr. Gayla Margolin and Dr. Jack McArdle

Thesis: Family Conflict, Negative Mood, and Adolescents' Daily
Problems in School

B.A., University of Kansas

2007-2011

Advisors: Dr. Kristopher Preacher and Todd Little
Major: Psychology (4.0, university highest distinction honors, psychology department honors)
Minor: Behavioral Sciences Research Methodology
Thesis: The Importance of Temporal Design: How Do Measurement Intervals Affect the Accuracy and Efficiency of Parameters Estimates in Longitudinal Research?

HONORS AND AWARDS

Department Nomination for the Josefina Paredes Endowed Teaching Award	2024
APA Editor's Choice Article, <i>Emotion</i>	2023
Cade Prize for Innovation Fibonacci Finalist	2021
FIU Top Scholar in the Category of Junior Faculty with Major Grants	2020
FIU College of Arts, Sciences, and Education Faculty Award for Research	2020, 2019
USC Innovator Showcase 2 nd Place	2017
Gerald Davison Award for Scientific Writing	2017
KU Psychology Honors Thesis Poster Award for Best Quantitative Methods	2011
KU French Honors Award for Achievement in French	2009

GRANTS AND FELLOWSHIPS

Principal Investigator Extramural Grants and Fellowships Funded

<u>NIMH Administrative Supplement Grant</u> <u>Title:</u> Supplement to the Development and Systematic Evaluation of a Just-in-Time Adaptive Intervention for Improving Child Mental Health <u>Role:</u> PI (Timmons, Ahle, and Comer, Joint PIs) <u>Total cost:</u> \$357,469	2023-2025
<u>NIMH Diversity Supplement Grant</u> <u>Title:</u> Promoting Mental Health Equity through Co-Creation of Digital Mental Health Technologies <u>Role:</u> PI (Timmons, Ahle, and Comer, Joint PIs) <u>Total cost:</u> \$142,842	2022-2025
<u>APPIC Call to Action on Tele-Supervision & Tele-Health</u> <u>Title:</u> The Development of a Formalized Training Program in Digital Mental Health <u>Role:</u> PI (Timmons, Comer, and Bagner, Joint PIs) <u>Total cost:</u> \$5,000	2021
<u>NIMH Small Business Innovation Research Grant</u> <u>Title:</u> The Development and Systematic Evaluation of a Just-in-Time Adaptive Intervention for Improving Child Mental Health <u>Role:</u> PI (Timmons, Ahle, and Comer, Joint PIs) <u>Total cost:</u> \$3,100,000	2020-2025
<u>NSF Innovation Corps Program Grant</u> <u>Title:</u> A Technology-Facilitated Intervention System for Improving Child Mental Health <u>Role:</u> PI <u>Total cost:</u> \$50,000	2018-2020

APA Dissertation Award

2015

Title: Romantic Partners' Physiological and Emotional Coregulation in the Home EnvironmentRole: PITotal cost: \$1,000APAGS Basic Psychological Science Research Grant

2014

Title: Covariation of Physiological Arousal between Dating Pairs in Early Adulthood and its Links with Parent-Child RelationshipsRole: PITotal cost: \$1,000NSF Graduate Research Fellowship Program Fellowship

2012-2015

Title: The Psychobiological Covariation of Electrodermal Activity between Dating Pairs in Early Adulthood and its Links with Parent-Child RelationshipsRole: PITotal cost: \$132,000APAGS/Psi Chi Junior Scientist Fellowship

2012

Description: Fellowship award for early-stage graduate student scientistsRole: PITotal cost: \$1,000**Mentor and Consultant External Grants Funded**NIMH R34 Exploratory Research Grant

2022-2025

Title: Personalizing Behavioral Parent Training: Improving Reach and Outcomes for Families of Children with ADHDRole: ConsultantTotal cost: \$663,750NICHD NRSA F31 to Promote Diversity in Health-Related Research

2021-2023

Title: Identifying Drug and Alcohol Displays on Social Media Using a Machine Learning Approach and Mechanisms that Impact Adolescent Substance UseRole: ConsultantTotal cost: \$73,654NICHD NRSA F31 to Promote Diversity in Health-Related Research

2019-2021

Title: Examining the Influence of Parenting Practices on Youth's Sleep Health during a Sensitive Developmental PeriodRole: Secondary MentorTotal cost: \$79,903**Intramural Grants and Fellowships Funded**FIU Psychology Department Seed Award

2021

Title: Parenting in the Context of Adversity: Parenting Practices as a Moderator of the Link between Early Exposure to Adversity and Child Mental Health SymptomsRole: MentorTotal cost: \$2,000FIU Psychology Department Seed Award

2020

Title: Assessing Disparities in mHealth Implementation ResearchRole: MentorTotal cost: \$2,000

UCSF Clinical Research Startup Funds Grant

2018

Title: Assessing PTSD Symptoms in Infants with History of Trauma ExposureRole: PITotal cost: \$1,000USC Undergraduate Research Associates' Program

2016

Title: Capturing Life as it is Lived Using Mobile Technology to Identify

Real-World Indicators of Dating Aggression

Role: Co-ITotal cost: \$7,500USC Wallis Annenberg Endowed Fellowship

2011, 2016

Description: Fellowship for doctoral students studying women, families, and threats to their well-beingTotal cost: \$130,000USC Undergraduate Research Associates' Program

2015

Title: A Day in the Life: Using Mobile Technology to Capture Indicators of Dating AggressionRole: Co-ITotal cost: \$9,750**PUBLICATIONS**

___ = undergraduate, postbaccalaureate, doctoral mentee, or doctoral statistical consultee

Journal Articles

1. Ryjova, Y., Gold, A. I., **Timmons, A. C.**, Han, S. C., Chaspari, T., Pettit, C., Kim, Y., Beale, A., Kazmierski, K. F. M., & Margolin, G. (2024). A day in the life: Couples' everyday communication and subsequent relationship outcomes. *Journal of Family Psychology*. Advance online publication. doi: [10.1037/fam0001180](https://doi.org/10.1037/fam0001180).
2. Morris, S. J., **Timmons, A. C.**, & Musser, E. D. (2023). An individualized, data-driven biological approach to attention-deficit/hyperactivity disorder (ADHD) heterogeneity. *Research on Child and Adolescent Psychopathology*, 51, 1565-1579. doi: [10.1007/s10802-023-01104-6](https://doi.org/10.1007/s10802-023-01104-6).
3. Duong, J. B., Simo Fiallo, N., Carta, K. E., Walters, S. N., Han, S. C., Kim, Y., Margolin, G., & **Timmons, A. C.** (2023). The sensitizing effect of early adversity on daily stress exposure and relationship closeness as a protective factor. *Journal of Social and Personal Relationships*, 40, 3752-3780. doi: [10.1177/0265407523118504](https://doi.org/10.1177/0265407523118504).
4. Zhao, X., Wu, W., **Timmons, A. C.**, Hayes, T., Wu, W., & Frazier, S. L. (2023). Unpacking inequities in ADHD diagnosis: Examining individual-level race/ethnicity and state-level online information-seeking patterns. *Administration and Policy in Mental Health*, 5, 576-590. doi: [10.1007/s10488-023-01259-w](https://doi.org/10.1007/s10488-023-01259-w).
5. **Timmons, A. C.**, Han, S. C., Chaspari, T., Kim, Y., Narayanan, S., Duong, J. B., & Margolin, G. (2023). Relationship satisfaction, feelings of closeness and annoyance, and linkage in electrodermal Activity. *Emotion*, 23, 1815-1828. doi: [10.1037/emo0001201](https://doi.org/10.1037/emo0001201). **APA Editor's Choice Article.**
6. **Timmons, A. C.**, Duong, J. B., Simo Fiallo, N., Lee, T., Vo., P. Q., Ahle, M. W., Comer, J. S., & Chaspari, T. (2022). A call to action on assessing and mitigating bias in artificial intelligence applications in mental health. *Perspectives on Psychological Science*, 18, 1062-1096. doi: [10.1177/17456916221134490](https://doi.org/10.1177/17456916221134490).

7. Margolin, G., Daspe, M., **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., Del Piero, L., & Schacter, H. L. (2022). What happens when young couples discuss personal loss? Relational, emotional, and physiological impacts. *Journal of Family Psychology*, 36, 863-873. doi: [10.1037/fam0000979/](https://doi.org/10.1037/fam0000979/).
8. Zhao, X., Coxe, S., **Timmons, A. C.**, & Frazier, S. L. (2022). Mental health information-seeking online: A Google trends analysis of ADHD. *Administration and Policy in Mental Health and Mental Health Services Research*, 61, 130-135. doi: [10.1007/s10488-021-01168-w](https://doi.org/10.1007/s10488-021-01168-w).
9. Ramos, M. C., Arbel, R., **Timmons, A. C.**, Rodriguez, A. J., & Margolin, G. (2021). Observed parent-adolescent coalitions and family hostilities during family discussions: Associations with marital aggression. *Family Process*, 61, 1305-1321. doi: [10.1111/famp.12719](https://doi.org/10.1111/famp.12719).
10. 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, 130-135. doi: [10.1111/bjc.12286](https://doi.org/10.1111/bjc.12286).
11. Han, S. C., Baucom, B. R., **Timmons, A. C.**, & Margolin, G. (2021). A systematic review of Respiratory Sinus Arrhythmia in romantic relationships. *Family Process*, 60, 441-446. doi: [10.1111/famp.12644](https://doi.org/10.1111/famp.12644).
12. 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 dating couples' daily lives: The role of family-of-origin aggression? *Social Psychological and Personality Science*, 6, 898-907. doi: [10.1177/1948550620958806](https://doi.org/10.1177/1948550620958806).
13. Han, S. C., Schacter, H. L., **Timmons, A. C.**, Kim, Y., 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. doi: [10.1016/j.biopsycho.2021.108082](https://doi.org/10.1016/j.biopsycho.2021.108082).
14. **Timmons, A. C.**, Han, S. C., Kim, Y., & Pettit, C., Perrone, L., Power, K. A., Vitale, L., & Margolin, G. (2021). Fluctuations in pronoun use in everyday life: Understanding couple aggression in context. *Journal of Family Psychology*, 35, 149-159. doi: [10.1037/fam0000699](https://doi.org/10.1037/fam0000699).
15. 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, 794-803. doi: [10.1093/abm/kaaa019](https://doi.org/10.1093/abm/kaaa019).
16. Gupta, K., Gujral, A., Chaspari, T., **Timmons, A. C.**, Han, S. C., Kim, Y., Barrett, S., Sichko, S., & Margolin, G. (2020). Sub-population-specific machine learning models of couples' interpersonal conflict. *Association for Computing Machinery Transactions of Internet Technology*, 20, 1-20. doi: [10.1145/3372045](https://doi.org/10.1145/3372045).
17. Comer, J. S., & **Timmons, A. C.** (2019). The other side of the coin: Computer-mediated interactions may afford opportunities for enhanced empathy in clinical practice. *Clinical Psychology: Science and Practice*, 26, e12308. doi: [10.1111/cpsp.12308](https://doi.org/10.1111/cpsp.12308).
18. Comer, J. S., Conroy, K., & **Timmons, A. C.** (2019). Ensuring wearable devices don't wear out their welcome: Cautions for the mental healthcare road ahead. *Clinical Psychology: Science and Practice*, 26, e12297. doi: [10.1111/cpsp.12297](https://doi.org/10.1111/cpsp.12297).
19. Arbel, R., Schacter, H. L., Han, S. C., **Timmons, A. C.**, Shapiro, L. S., & Margolin, G. (2019). Day-to-day friends' victimization, aggression perpetration, and the cortisol awakening response in late adolescents. *Developmental Psychobiology*, 61, 930-941. doi: [10.1002/dev.21829](https://doi.org/10.1002/dev.21829).

20. **Timmons, A. C.**, Han, S. C., Chaspari, T., Kim, Y., Pettit, C., Narayanan S., & Margolin, G. (2019). Family-of-origin aggression, dating aggression, and physiological stress reactivity in daily life. *Physiology and Behavior*, 206, 85-92. doi: [10.1016/j.physbeh.2019.03.020](https://doi.org/10.1016/j.physbeh.2019.03.020).
21. Bernstein, R., **Timmons, A. C.**, & Lieberman, A. F. (2019). Interpersonal violence, maternal perception of infant emotion, and Child-Parent Psychotherapy. *Journal of Family Violence*, 34, 309-320. doi: [10.1007/s10896-019-00041-7](https://doi.org/10.1007/s10896-019-00041-7).
22. Corner, G. W., Saxbe, D. E., Chaspari, T., Rasmussen, H. F., Perrone, L., Pettit, C., Friendly, M., **Timmons, A. C.**, & Margolin, G. (2018). Compassion in a heartbeat: Physiology during couples' loss discussions. *Journal of Social and Personal Relationships*, 36. doi: [10.1177/0265407518770267](https://doi.org/10.1177/0265407518770267).
23. **Timmons, A. C.**, Chaspari, T., Han, S. C., Perrone, L., Narayanan, S., & Margolin, G. (2017). Using multimodal wearable technology to detect conflict among couples. *IEEE Computer*, 50, 50-59. doi: [10.1109/MC.2017.83](https://doi.org/10.1109/MC.2017.83).
24. **Timmons, A. C.**, Baucom, B. R., Han, S. C., Perrone, L., Chaspari, T., Narayanan, S., & Margolin, G. (2017). New frontiers in ambulatory assessment: Big data methods for capturing couples' emotions, vocalizations, and physiology in daily life. *Social Psychological and Personality Science*, 8, 552-563. doi: [10.1177/1948550617709115](https://doi.org/10.1177/1948550617709115).
25. **Timmons, A. C.**, Arbel, R., & Margolin, G. (2017). Daily patterns of stress and conflict in couples: Associations with marital aggression and family-of-origin aggression. *Journal of Family Psychology*, 31, 93-104. doi: [10.1037/fam0000227](https://doi.org/10.1037/fam0000227).
26. Arbel, R., Moss, I., Shapiro, L. S., **Timmons, A. C.**, & Margolin, G. (2017). Adolescents' daily worry, morning cortisol, and health symptoms. *Journal of Adolescent Health*, 60, 667-673. doi: [10.1016/j.jadohealth.2017.01.007](https://doi.org/10.1016/j.jadohealth.2017.01.007).
27. Margolin, G., Ramos, M. C., **Timmons, A. C.**, Miller, K. F., & Han, S. C. (2016). The intergenerational transmission of aggression: Physiological regulatory processes. *Child Development Perspectives*, 10, 15-21. doi: [10.1111/cdep.12156](https://doi.org/10.1111/cdep.12156).
28. Miller, K. F., Margolin, G., Shapiro, L. S., & **Timmons, A. C.** (2016). Adolescent life stress and the cortisol awakening response: The moderating roles of attachment and sex. *Journal of Research on Adolescence*, 27, 34-48. doi: [10.1111/jora.12250](https://doi.org/10.1111/jora.12250).
29. **Timmons, A. C.**, & Preacher, K. J. (2015). The importance of temporal design: How do measurement intervals affect the accuracy and efficiency of parameter estimates in longitudinal research? *Multivariate Behavioral Research*, 50, 41-55. doi: [10.1080/00273171.2014.961056](https://doi.org/10.1080/00273171.2014.961056).
30. **Timmons, A. C.**, & Margolin, G. (2015). Family conflict, mood, and adolescents' daily school problems: Moderating roles of internalizing and externalizing symptoms. *Child Development*, 86, 241-258. doi: [10.1111/cdev.12300](https://doi.org/10.1111/cdev.12300).
31. **Timmons, A. C.**, Margolin, G., & Saxbe, D. E. (2015). Physiological linkage in couples and its implications for individual and interpersonal functioning: A literature review. *Journal of Family Psychology*, 29, 720-731. doi: [10.1037/fam0000115](https://doi.org/10.1037/fam0000115).
32. Saxbe, D. E., Ramos, M. C., **Timmons, A. C.**, Rodriguez, A. J., & Margolin, G. (2014). A path modeling approach to understanding family conflict: Reciprocal patterns of parent coercion and adolescent avoidance. *Journal of Family Psychology*, 28, 415-420. doi: [10.1037/a0036817](https://doi.org/10.1037/a0036817).

Published Engineering Conference Proceedings

1. Gujral, A., Chaspari, T., **Timmons, A. C.**, Barrett, S., & Margolin, G. (2018). Population-specific detection of couples' interpersonal conflict using multi-task learning. *Proceedings of the*

International Conference on Multimodal Interaction, 229-233. doi: [10.1145/3242969.3243007](https://doi.org/10.1145/3242969.3243007).

2. Chaspari, T., **Timmons, A. C.**, Baucom, B. R., Perrone, L., Tsiartas, A., Baucom, K. W. J., Georgiou, P., Margolin, G., & Narayanan, S. (2017). Exploring sparse representation measures of physiological synchrony for romantic couples. *Proceedings of the International Conference of Affective Computing and Intelligent Interaction*, 267-272. doi: [10.1109/ACII.2017.8273611](https://doi.org/10.1109/ACII.2017.8273611).
3. Chaspari, T., Han, S. C., Bone, D., **Timmons, A. C.**, Perrone, L., Margolin, G., & Narayanan, S. (2017). Quantifying regulation mechanisms in dating couples through a dynamical systems model of acoustic and physiological arousal. *Proceedings of the IEEE International Conference on Audio, Speech, and Signal Processing*, 3001-3005. doi: [10.1109/ICASSP.2017.7952707](https://doi.org/10.1109/ICASSP.2017.7952707).
4. Chaspari, T., Han, S. C., Bone, D., **Timmons, A. C.**, Margolin, G., & Narayanan, S. (2016). Dynamical systems modeling of acoustic and physiological arousal in young couples. *Proceedings of the AAAI Spring Symposium Series, AAAI Digital Library*, 343-344.
5. Chaspari, T., Baucom, B. R., **Timmons, A. C.**, Tsiartas, A., Del Piero, L. B., Baucom, K. W. J., Georgiou, P., Margolin, G., & Narayanan, S. (2015). Quantifying EDA synchrony through joint-sparse representation: A case study of couples' interactions. *Proceedings of the Conference on Acoustics, Speech, and Signal Processing*, 817-821. doi: [10.1109/ICASSP.2015.7178083](https://doi.org/10.1109/ICASSP.2015.7178083).

Book Chapters

1. Horn, A. & **Timmons, A. C.** (2023). Mobile sensing in relationship research. In M. R. Mehl, M. Eid, C. Wruz, & G. Harari. *Mobile Sensing in Psychology: Methods and Applications*. Guilford Press.
2. Chaspari, T., **Timmons, A. C.**, & Margolin, G. (2019). Population-specific and personalized (PSP) models of human behavior for leveraging smart and connected data. In K. C. Li, Q. Zang, L. T. Yang, & B. D. M. *Smart data: State-of-the-art perspectives in computing and applications* (pp. 243-258). Boca Raton, FL: CRC Press, Taylor & Francis Group. doi: [10.1201/9780429507670](https://doi.org/10.1201/9780429507670).

Patents, Software, Licenses, and Data Repositories

1. **Timmons, A. C.**, Han, S. C., & Margolin, G. (2023). Couple Mobile Sensing Project Data Repository. (Colliga Data Repository). [Request data](#).
2. **Timmons, A. C.**, Ahle, M. W., Comer, J. S., Narayanan, S., & Chaspari, T. (2023). Childhood Mobile Data Project Data Repository. (Colliga Data Repository). [Request data](#).
3. **Timmons, A. C.**, & Ahle, M. (software disclosure filed June 1, 2020). A comprehensive platform for building and disseminating digital mental health research and therapies. (Florida International University). [Software login page](#).
4. **Timmons, A. C.**, Ahle, M. W. (2020). A comprehensive platform for building and disseminating digital mental health research and therapies. (Exclusive license from Florida International University to Colliga Apps Corporation).
5. **Timmons, A. C.**, Chaspari, T., Narayanan, S., & Margolin, G. (patent filed March 4, 2019). [US Serial No. 16/291,225](#). A technology-facilitated support system for monitoring and understanding interpersonal relationships. (University of Southern California).
6. **Timmons, A. C.**, Chaspari, T., Ahle, M., Narayanan, S., & Margolin, G. (patent filed March 4, 2019). [US Serial No. 16/291,399](#). An expert-driven, technology-facilitated intervention system for improving interpersonal relationships. (University of Southern California).
7. **Timmons, A. C.**, Ahle, M. W. (2019). Using machine learning to detect interpersonal functioning from wearable sensors. (Exclusive license from University of Southern California to Colliga Apps Corporation).

Manuscripts under Review

1. Jusko, M. L., Smith, J. N., Campez, M., **Timmons, A. C.**, Morrow, A. S., Lozano, C., Fosco, W. D., Little, K., Villodas, M., & Raiker, J. S. (under review). The application of time series analysis to single case designs in the context of an intensive behavioral intervention for ADHD.
2. Gold, A., Ryjova, Y., Woodward, D., Kazmierski, K. F. M., Beale, A. M., **Timmons, A. C.**, Han, S. C., Chaspari, T., Pettit, C., Kim, Y., & Margolin, G. (under review). Implications of individual mental health and mood for dyadic communication in daily life.

Manuscripts in Preparation

1. **Timmons, A. C.**, Feng, K., Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Freitag, G. F., Benamu, D. I., Ahle, M. W., Comer, J. S., Narayanan, S., & Chaspari, T. (in preparation). Implications for equitable digital mental health: Machine learning models for detecting stress in daily life show bias in traditionally underserved and underrepresented groups.
2. **Timmons, A. C.**, Duong, J. B., Carta, K. E., Walters, S. N., Jumonville, G. A., Carrasco, A. S., Freitag, G. F., Benamu, D. I., Ahle, M. W., Tutul, A. A., Avramidis, K., Narayanan, S., Chaspari, T., & Comer, J. S. (in preparation). Co-creation in the digital science Age: New methods for using inclusive software design principles build AI-enhanced co-created living therapies.
3. **Timmons, A. C.**, Tutul, A. A., Avramidis, K., Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Freitag, G. F., Benamu, D. I., Ahle, M. W., Narayanan, S., Chaspari, T., & Comer, J. S. (in preparation). Implementing iterative personalized machine learning models for sensing psychological states via mobile devices: Artificial intelligence applications for mental health in the data science age.
4. Duong, J. B., Simo Fiallo, N., Carta, K. E., Walters, S. N., Jumonville, G. A., Carrasco, A. S., Avramidis, K., Tutul, A. A., Ahle, M. W., Narayanan, S., Chaspari, T., Comer, J. S., Frazier, S., & **Timmons, A. C.** (in preparation). Examining socio-cultural barriers and support to mHealth treatment utilization.
5. Walters, S. N., Carta, K. E., Duong, J. B., Jumonville, G. A., Benamu, D. I., Carrasco, A. S., Freitag, G. F., Avramidis, K., Tutul, A. A., Ahle, M. W., Narayanan, S., Chaspari, T., Comer, J. S., & **Timmons, A. C.** (in preparation). Resilience in context: Environmental influences on the role of parenting as a protective factor against adversity exposure.
6. Carta, K. E., Jumonville, G. A., Walters, S. N., Duong, J. B., Carrasco, A. S., Chaspari, T., Han, S. C., Kim, Y., Narayanan, S., Margolin, G., & **Timmons, A. C.** (in preparation). The influence of proximal and distal factors on real-time physiological linkage during conflict in couples' everyday lives.

Media Interview Contributions, Professional Society Newsletters, Podcasts, and Blog Posts

1. Wired Magazine. (2022). What happens when an AI knows how you feel? Retrieved from: <https://www.wired.com/story/artificial-emotional-intelligence/>.
2. Doss, B. D., Weingardt, K. R., Lindhiem, O. J., **Timmons, A. C.**, Jones, J. D., Comer, J. S., & Carl, J. R. (2021). Regulation of digital therapeutics: Implications for evaluation, reimbursement, and delivery. *Psychiatric Times*, 38. Retrieved from: <https://www.psychiatrictimes.com/view/issues-in-regulating-dtx>.
3. Discover. (2021). Can wearable devices save your relationship? Retrieved from: <https://www.discovermagazine.com/technology/can-wearable-devices-save-your-relationship>.
4. **Timmons, A. C.** (2021). The FDA and digital therapeutics in the era of COVID-19. *Digital Health Briefs Blog*. Retrieved from: <https://colliga.io/the-fda-and-digital-therapeutics-in-the-era-of-covid-19/>.

5. **Timmons, A. C.** (2021). An academic-industry collaborative initiative on digital health: The launch of Colliga. *Digital Health Briefs Blog*. Retrieved from: <https://colliga.io/an-academic-industry-collaborative-initiative-on-digital-health-the-launch-of-colliga/>.
6. **Timmons, A. C.** (2021). Why should I use technology to improve therapy outcomes? *Digital Health Briefs Blog*. Retrieved from: <https://colliga.io/why-should-i-use-technology-to-improve-therapy-outcomes/>.
7. **Timmons, A. C.** (2021). Colliga wins prestigious NIH and NSF Small-Business Grants. *Digital Health Briefs Blog*. Retrieved from: <https://colliga.io/colliga-wins-prestigious-nih-and-nsf-small-business-grants/>.
8. **Timmons, A. C.** (2021). Colliga will help train next-generation psychology in the use of telehealth. *Digital Health Briefs Blog*. Retrieved from: <https://colliga.io/colliga-will-help-train-next-generation-psychologists-in-the-use-of-telehealth/>.
9. **Timmons, A. C.** (2021). Colliga launches collaborative research study with the TIES Lab. *Digital Health Briefs Blog*. Retrieved from: <https://colliga.io/colliga-launches-collaborative-research-study-with-the-ties-lab/>.
10. **Timmons, A. C.** (2021). The state of self-report and measurement science: Interview with Dr. Arthur Stone. *Digital Health Trends Podcast*. Retrieved from: <https://open.spotify.com/show/5viF1ERR3cbNFuFZkby4cf>.
11. Florida Trends (2021). The global reach of Florida innovations: Better mental health in real time. Retrieved from: <https://www.floridatrend.com/print/article/32082>.
12. Carl, J. R., Jones, D. J., Lindhiem, O. J., Doss, B. D., Weingardt, K. R., **Timmons, A. C.**, & Comer, J. S. (2020). Digital therapeutics and the medical approval paradigm: Cautions for a new era in mental health care. *The Clinical Psychologist*, APA Division 12 Digital Archive, 72, 22-24.
13. Inverse. (2020). From cheating to pregnancy reveals, wearables know what you're doing intimately. Retrieved from: <https://www.inverse.com/mind-body/from-cheating-to-pregnancy-reveals-wearables-know-what-you-are-doing-intimately>.
14. The Conversation. (2020). Isolating together is challenging—and relationship stresses can affect biological functioning. Retrieved from: <https://theconversation.com/isolating-together-is-challenging-and-relationship-stresses-can-affect-biological-functioning-134218>.
15. Wall Street Journal. (2019). When stress at work creates drama at home. Retrieved from: https://www.wsj.com/articles/when-stress-at-work-creates-drama-at-home-11563183015?mod=hp_lead_pos11.
16. APA Monitor on Psychology. (2019). Moving assessment out of the clinic: Wearables, gaming, virtual reality, and other rapidly developing technologies enable psychologists to gather information in real-life settings. Retrieved from: <https://www.apa.org/monitor/2019/07-08/moving-assessment>.
17. BBC. (2019). How your voice hides clues about your love life. Retrieved from: <https://www.bbc.com/future/article/20190111-artificial-intelligence-can-predict-a-relationships-future>.
18. TechCrunch. (2017). Using wearable technology to detect conflict in couples before it occurs. Retrieved from: <https://techcrunch.com/2017/04/21/using-wearable-technology-to-detect-conflict-in-couples-before-it-occurs/>.
19. NBC. (2017). This mood-recognizing algorithm just might save your relationship. Retrieved from: <https://www.nbcnews.com/mach/technology/mood-recognizing-algorithm-just-might-save-your-relationship-n751536>.
20. Fox News. (2017). AI app knows when couples are fighting, may someday predict (and prevent)

conflict. Retrieved from: <https://www.foxnews.com/tech/ai-app-knows-when-couples-are-fighting-may-someday-predict-and-prevent-conflict>.

21. Digital Trends (2017). AI app may predict conflict between couples before it occurs, scientists say. Retrieved from: <https://www.digitaltrends.com/cool-tech/ai-app-couples-fighting/>.
22. Daily Mail. (2017). The AI that could warn if your wife is having a bad day: System claims to be able to stop rows with “emotion sensing” alerts to partners. Retrieved from: <http://www.dailymail.co.uk/sciencetech/article-4419004/AI-end-lover-s-quarrel.html>.
23. Refinery29. (2017). This device predicts when you’re going to fight with your S.O. Retrieved from: <https://www.refinery29.com/en-us/2017/04/152074/couples-fights-wearable-device>.
24. USC Viterbi School of Engineering. (2017). Monitoring troubles of the heart: Mobile sensing system developed by joint USC Dornsife and USC Viterbi team could give couples the power to anticipate each other’s emotional states and adapt behavior. Retrieved from: <https://viterbischool.usc.edu/news/2017/04/monitoring-troubles-heart/>.
25. IEEE Computer. (2017). Interview with Adela Timmons and Theodora Chaspari on quality-of-life technologies. Retrieved from: <https://www.youtube.com/watch?v=n8Ap3Z44ojQ&feature=youtu.be>.
26. Portuguese Magazine Sabado. (2017). The app that predicts and prevents conflicts in the home. Retrieved from: <https://www.sabado.pt/vida/detalhe/a-app-que-preve-e-evita-conflitos-entre-casais>.
27. IEEE Spectrum. (2017). Algorithm aims to predict bickering among couples: Machine learning uses data from smartphones and wearables to identify signs of relationship conflicts. Retrieved from: <https://spectrum.ieee.org/algorithm-aims-to-predict-bickering-among-couples>.
28. German Newspaper Frankfurter Allgemeine Sonntagszeitung. (2017). American researchers use machine learning to automatically detect when romantic partners have arguments in real life.
29. German National Public Radio. (2017). App uses machine learning to detect conflict in couples.
30. Child and Family Blog. (2016). Exposure to aggression can change biological response of children to conflict. Retrieved from: <https://childandfamilyblog.com/aggression-biological-children/>.
31. Reuters. (2014). Conflicts at home affect teens at school and vice versa. Retrieved from: <https://www.reuters.com/article/us-health-psychology-teen-development/conflicts-at-home-affect-teens-at-school-and-vice-versa-idINKBN0IK1NM20141031>.
32. Yahoo News. (2014). Conflicts at home affect teens at school and vice versa. Retrieved from: <https://www.yahoo.com/news/conflicts-home-affect-teens-school-vice-versa-150900738.html?ref=gs>.

PRESENTATIONS

___ = undergraduate, postbaccalaureate, doctoral mentee, or doctoral statistical consultee

Invited Talks

1. **Timmons, A. C., Duong, J. B., Carta, K. E., Walters, S. N., Jumonville, G. A., & Carrasco, A. S.** (expected May 2024). Bias in artificial intelligence and its implications for equitable mental health. *Invited talk at the Association for Psychological Science Conference in San Francisco, CA.*
2. **Timmons, A. C., Duong, J. B., Walters, S. N., Carta, K. E., Simo Fiallo, N., & Benamu, D. I.** (October 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, College Station, TX.*

3. **Timmons, A. C.**, Duong, J. B., Carta, K. E., Walters, S. N., Simo Fiallo, N., & Lee, T. (May 2022). Data collection tools for digital mental health research. In R. Botvinik-Nezer (Chair), Open science projects accelerate rigorous and inclusive psychological research. *Invited symposium at the Association for Psychological Science Conference in Chicago, IL.*
4. **Timmons, A. C.** (April 2022). Machine learning innovations for the psychological sciences. *Invited talk at the Department of Psychology, University of Virginia, Charlottesville, VA.*
5. **Timmons, A. C.** (November 2020). Machine learning applications for the detection of psychological states in naturalistic settings. *Invited talk at the Department of Psychology, Vanderbilt University, Nashville, TN.*
6. **Timmons, A. C.** (October 2019). Machine learning models of interpersonal functioning in daily life. *Invited talk at the Department of Psychology, University of Massachusetts, Amherst, MA.*
7. **Timmons, A. C.** (October 2018). The automatized detection of interpersonal functioning in daily life using mobile sensing and machine learning technologies. *Invited talk at the Department of Computer Science, Texas A&M University, College Station, TX.*
8. **Timmons, A. C.**, & Ahle, M. W. (May 2018). mHealth: Ambulatory assessment in psychological research. *Invited talk at the Florida International University Center for Children and Families, Miami, FL.*

Conference Symposia and Talks

1. Carta, K. E., Tutul, A. A., Avramidis, K., Narayanan, S., Ahle, M. W., & **Timmons, A. C.** (expected May 2024). Sensing psychological states through AI. In Carta, K. E. (Chair) & **Timmons, A. C.** (Chair), Integrating artificial intelligence in mental health: Bias Mitigation, inclusive tools, and personalized digital interventions. *Symposium to be presented at the American Psychological Science Conference, San Francisco, CA.*
2. Jumonville, G. A., Duong, J. B., Walters, S. N., Carta, K. E., Freitag, G. F., Carrasco, A. S., Comer, J. S., Ahle, M. W., Margolin, G., Han, S. C., & **Timmons, A. C.** (expected June 2024). Deciphering relationship dynamics: A Comprehensive analysis of emotional tone and F0 range impact on conflict occurrence. In A. Horn (Chair), Relational processes in daily life: New contributions to ambulatory assessment of mood, conflict, and conversation. *Symposium to be presented at the Society for Ambulatory Assessment Conference, Ann Arbor, MI.*
3. Duong J. B., Zaman, P., Viltz, A., Bricken, Z., Sheehan, M., Jumonville, G. A., Carrasco, A. S., Lin, J., Buhr, N., Carta, K. E., Walters, S. N., Simo Fiallo, N., Avramidis, K., Tutul, A. A., Ahle, M. W., Narayanan, S., Chaspari, T., Comer, J. S., & **Timmons, A. C.** (August 2023). Using thematic analysis to explore barriers and facilitators to utilization of mHealth Tools: Preliminary analysis. *Poster presented at the NIH Diversity Supplement Professional Development and Networking Virtual Conference.*
4. Chaspari, T., Booth, B., Feng, T., Provost, E. M., **Timmons, A. C.**, Narayanan, S. (October 2023). Special session on trustworthy and responsible data analytics for mental health. *Special session presented at the Biomedical and Health Informatics IEEE Conference, Pittsburgh, PA.*
5. Duong, J. B., Viltz, A., Hendrick, A., Marquez, C., Hornik, O., Zaman, P., Bricken, Z., Carta, K. E., Walters, S. N., Benamu, D. I., Jumonville, G. A., & **Timmons, A. C.** (November 2023). Examining sociocultural barriers and support to mHealth utilization via mixed methods approach. In Duong, J. B (Chair) & **Timmons, A. C.** (Chair), Breaking down barriers: Bridging evidence-based digital mental health care and culturally inclusive technology. *Symposium presented at the Association for Behavioral and Cognitive Therapies Conference, Seattle, WA.*
6. Avramidis, K., Duong, J. B., Carta, K. E., Walters, S. N., Benamu, D. I., Jumonville, G. A., Freitag, G. F., Tutul, A. A., Cabrera, A., Comer, J. S., Chaspari, T., Narayanan, S., & **Timmons, A. C.**

(March 2023). Psychophysiology sensing via wearables to model family well-being. *Paper presented at the Society for Affective Science Conference, Long Beach, CA.*

7. Carta, K. E., Duong, J. B., Simo Fiallo, N., Walters, S. N., Han, S. C., Margolin, G., & **Timmons, A. C.** (June 2022). Does family-of-origin aggression moderate the relationship between criticism and physiological responses during conflict episodes captured in romantic couples' daily lives? In A. Horn (Chair), Social resources captured in daily life: Ambulatory assessment of intra- and interpersonal regulation of emotions, conflict, and wellbeing over the lifespan. *Symposium presented at the Society for Ambulatory Assessment Virtual Conference.*
8. Hong, H., **Timmons, A. C.**, Hayes, T., Conroy, K., Bagner, D., & Comer, J. S. (November 2021). Leveraging early treatment progress data to detect risk of ultimate PCIT nonresponse. *Paper presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
9. Zhao, X., Wu, W., **Timmons, A. C.**, & Frazier, S. L. (November 2021). State variation in online information-seeking about ADHD. In **A. C. Timmons (Chair)** & X. Zhao (Chair), Geographical disparities in mental health information-seeking and service utilization. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
10. **Timmons, A. C.**, Ahle, M., Duong, J. B., & Comer, J. S. (November 2020). The Technological Interventions for Ecological Systems (TIES) App for remote sensing of mental health. In **A. C. Timmons (Chair)** & X. Zhao (Chair), Outside the traditional clinic: Incorporating data science into the delivery of evidence-based treatment before, during, and after service utilization. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
11. Zhao, X., Coxe, S., **Timmons, A. C.**, & Frazier, S. L. (November 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. In **A. C. Timmons (Chair)** & X. Zhao (Chair), Outside the traditional clinic: Incorporating data science into the delivery of evidence-based treatment before, during, and after service utilization. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
12. Jusko, M. L., Raiker, J. S., **Timmons, A. C.**, Morrow, A., Lozano, C., Campey, M., & Little, K. (November 2020). Examination of trends in behavioral improvement over the course of a one-year afterschool behavioral intervention using time-series. In **A. C. Timmons (Chair)** & X. Zhao (Chair), Outside the traditional clinic: Incorporating data science into the delivery of evidence-based treatment before, during, and after service utilization. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
13. **Timmons, A. C.**, Chaspari, T., Han, S. C., Kim, Y., Narayanan, S., & Margolin G. (November 2020). The automatic detection of couple conflict via wearable sensors. In Garcia, D. (Chair), Using technology-facilitated methods to improve understanding of romantic couple interactions. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
14. **Timmons, A. C.**, Shapiro, L. S., Han, S. C., Kim, Y., & Margolin, G. (March 2020). Bidirectional links between instability in adolescents' daily moods and family conflict. In G. Fosco (Chair), Change is all around us: Advancing developmental science through dynamic conceptualization of family and adolescent functioning. *Symposium accepted at the Society for Research on Adolescence Conference, San Diego, CA. (conference canceled).*
15. Schacter, H. L., Pettit, C., Kim, Y., Sichko, S., **Timmons, A. C.**, Chaspari, T., Han, S. C., & Margolin, G. (March 2020). A matter of the heart: Romantic couple functioning and cardiovascular activity in young adults' everyday lives. In H. Schacter (Chair), Teens in vivo: Leveraging novel experience sampling methods to study adolescent development in everyday life. *Symposium accepted at the Society for Research on Adolescence Conference, San Diego, CA. (conference canceled).*

canceled).

16. Han, S. C., Schacter, H. L., **Timmons, A. C.**, & Margolin, G. (March 2020). Romantic partner presence and physiological regulation in daily life. In S. C. Han (Chair), High-quality romantic relationships and good health: An in-depth look at physiological pathways. *Symposium accepted at the American Psychosomatic Society Conference, Long Beach, CA.* (conference canceled).
17. **Timmons, A. C.**, Han, S. C., Kim, Y., & Margolin, G. (June 2019). Fluctuations in pronoun use in couples' everyday conversations: Links with dating aggression. In A. Horn (Chair), Natural language use and social processes. *Symposium presented at the Society for Ambulatory Assessment Conference, Syracuse, NY.*
18. **Timmons, A. C.**, Shapiro, L. S., Pettit, C., Barrett, S., Chaspari, T., Han, S. C., Kim, Y., Kumar, M., Narayanan, S., & Margolin, G. (February 2019). Developmental links between adolescent mood variability and later dating relationships: Considerations for using ambulatory assessment. In J. Sun (Chair), Advances in daily life methods. *Symposium presented at the Society for Personality and Social Psychology Conference, Portland, OR.*
19. Gujral, A., Chaspari, T., **Timmons, A. C.**, Han, S. C., & Margolin, G. (March 2018). Real-life detection of interpersonal conflict in couples through the use of wearable and mobile technology. *Paper presented at the International Conference on Wearable and Implantable Body Sensor Networks, Las Vegas, NV.*
20. **Timmons, A. C.**, Han, S. C., Kim, Y., Shin, O., Perrone, L., Chaspari, T., Narayanan, S. & Margolin, G. (April 2017). Family-of-origin aggression, physiological stress reactivity in daily life, and the perpetration of aggression in young adulthood. In L. F. Katz (Chair), Affective processes and emotion regulation in the context of family violence. *Symposium presented at the Society for Research in Child Development Conference, Austin, TX.*
21. **Timmons, A. C.**, Han, S. C., Chaspari, T., Perrone, L., Narayanan, S., & Margolin, G. (March 2016). Big data methods for capturing romantic partners' physiology, emotion, and conversations in daily life. *Paper presented at the USC Big Data and Human Behavior Symposium, Los Angeles, CA.*
22. Chaspari, T., **Timmons, A. C.**, Perrone, L., Margolin, G., & Narayanan, S. (March 2016). Knowledge-driven physiological representations for analyzing and interpreting wearable sensor signals. *Paper presented at the USC Big Data and Human Behavior Symposium, Los Angeles, CA.*
23. Chaspari, T., **Timmons, A. C.**, Perrone, L., Baucom, K. J. W., Georgiou, P, Baucom, B. R., Margolin, G., & Narayanan, S. (January 2016). Quantifying physiological synchrony in romantic relationships with joint-sparse representation. *Paper presented at the Computational Mental Health Workshop at the Society for Personality and Social Psychology Conference, San Diego, CA.*
24. **Timmons, A. C.**, Margolin, G., & Baucom, B. R. (November 2014). Synchrony in romantic partners' electrodermal activity in the home environment. In B. R. Baucom (Chair), Ambulatory physiological measurement in couples and families. *Symposium presented at the Association for Behavioral and Cognitive Therapies Conference, Philadelphia, PA.*
25. Miller, K. F., Shapiro, L. S., **Timmons, A. C.**, & Margolin, G. (November 2014). Adolescent stress and diurnal HPA activity: The protective role of peer relationships. In B. R. Baucom (Chair), Ambulatory physiological measurement in couples and families. *Symposium presented at the Association for Behavioral and Cognitive Therapies Conference, Philadelphia, PA.*
26. Shapiro, L. S., **Timmons, A. C.**, Susman, E. J., Miller, K. F., & Margolin, G. (November 2014). Daily variations in adolescents' cortisol awakening responses surrounding days of parent-adolescent conflict. In B. R. Baucom (Chair), Ambulatory physiological measurement in couples and families.

Symposium presented at the Association for Behavioral and Cognitive Therapies Conference, Philadelphia, PA.

27. **Timmons, A. C.**, Chaspari, T., Perrone, L., Feng, T., Narayanan, S., & Margolin, G. (June 2015). Dating aggression and physiological connectedness in everyday life. In P. L. K. Plumb (Chair), Dyadic interactions in daily life. *Symposium presented at the Society of Ambulatory Assessment Conference, State College, PA.*
28. Ramos, M. C., & **Timmons, A. C.** (May 2014). The influence of family aggression history on triadic family interactions: Marital hostility, parent-youth alliances, and adolescent symptoms. In M. C. Ramos (Chair), Family violence exposure and everyday family interactions: Behavioral, neural, and physiological findings. *Symposium presented at the Association for Psychological Science Conference, San Francisco, CA.*
29. **Timmons, A. C.**, & Margolin, G. (May 2013). Family conflict, negative mood, and adolescents' daily problems in school. *Paper presented at the USC Leibovitz Conference, Los Angeles, CA.*
30. **Timmons, A. C.**, & Margolin, G. (April 2013). Family conflict, negative mood, and adolescents' daily problems in school. In J. Borelli (Chair), Parent-child relationship quality and children's psychosocial adjustment across development: Child emotion as a mediator/moderator. *Symposium presented at the Society for Research in Child Development Conference, Seattle, WA.*

Conference Posters

1. Carrasco, A. S., Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Ahle, M. W., Comer, J. S., & **Timmons, A. C.** (expected May 2024). Inter-partner violence and child affective reactivity: The dynamics of parental emotional awareness and impulse control. *Poster to be presented at the Association for Psychological Science Conference, San Francisco, CA.*
2. Jumonville, G. A., Duong, J. B., Walters, S. N., Carta, K. E., Freitag, G. F., Carrasco, A. S., Comer, J. S., Ahle, M. W., Margolin, G., Han, S. C., & **Timmons, A. C.** (expected May 2024). *Deciphering relationship Dynamics: A comprehensive analysis of emotional tone and F0 range impact on conflict occurrence. Poster to be presented at the Association for Psychological Science Conference, San Francisco, CA.*
3. Buhr, N. G., * Sheehan, M. K., * Duong, J. B., Jumonville, G. A., Carrasco, A. S., Carta, K. E., Walters, S. N., Arvramidis, K., Tutul, A. A., Ahle, M. W., Narayanan, S., Chaspari, T., Comer, J. S., & **Timmons, A. C.** (November 2023). Parental influences on child behavioral and emotional outcomes: Unravelin the role of emotion regulation, behavioral motivations, and parenting styles. *Poster presented at the Association for Behavioral and Cognitive Therapies Conference, Seattle, WA. ABCT Diversity, Equity, and Inclusion Award.* *joint first authors.
4. Carta, K. E., Duong, J. B., Walters, S. N., Benamu, D. I., Jumonville, G. A., Freitag, G. F., Tutul, A. A., Arvramidis, K., Narayanan, S., Chaspari, T., Comer, J. S., Ahle, M. W., & **Timmons, A. C.** (November 2023). The ripple effects of stress: Using audio coding and intensive data design to understand family stress contagion. *Posted presented at the Association for Behavioral and Cognitive Therapies Conference, Seattle, Washington.*
5. Carta, K. E., Walters, S. N., Duong, J. B., Benamu, D. I., Jumonville, G. A., Han, S. C., Margolin, G., & **Timmons, A. C.** (August 2023). Microprocesses of behavior and physiology during couple conflict in daily life. *Poster presented at the American Psychological Association Conference, Washington, D.C.*
6. Duong, J. B., Zaman, P., Viltz, A., Bricken, Z., Sheehan, M., Jumonville, G. A., Carrasco, A. S., Lin, J., Buhr, N. G., Carta, K. E., Walters, S. N., Simo Fiallo, N., Arvramidis, K., Tutual, A. A., Ahle, M. W., Narayanan, S., Chaspari, T., Comer, J. S., & **Timmons, A. C.** (August 2023). Using thematic

analysis to explore barriers and facilitators to utilization of mHealth tools: Preliminary analysis. *Poster presented at the NIH Diversity Supplement Professional Development and Networking Virtual Conference.*

7. Walters, S. N., Carta, K. E., Duong, J. B., Benamu, D. I., Jumonville, G. A., Freitag, G. F., Avramidis, K., Tutul, A. A., Narayanan, S., Chaspari, T., Comer, J. S., Ahle, M. W., & **Timmons, A. C.** (May 2023). The use of ecological momentary assessment and at-home audio data to develop family conflict profiles. *Poster presented at the American Psychological Society Conference, Washington, D.*
8. Duong, J. B., Feng, K., Carta, K. E., Walters, S. N., Benamu, D. I., Chaspari, T., Kim, Y., Han, S. C., Margolin, G., & **Timmons, A. C.** (March 2023). Understanding mental health using multimodal sensing technology and machine learning: A proof of concept study. *Poster presented at the Society for Research in Child Development Conference, Salt Lake City, UT.*
9. Shi, Y., Ouyang, J., Bachmakova, M., Gold, A.I., Ryjova, Y., Beale, A., **Timmons, A. C.**, Han, S., & Margolin, G. (December 2022). Talking in past and future tense: How mood affects couples' language in conversations. *Poster presented at the Western Psychological Association Conference, Riverside, CA.*
10. Tacto, F. A., Yang, Z., Yarahmadi, B., Ryjova, Y., Gold, A.I., Beale, A., **Timmons, A. C.**, Han, S., & Margolin, G. (December 2022). Associations between adverse life events and negative communication patterns between romantic partners in emerging adulthood. *Poster presented at the Western Psychological Association Conference, Riverside, CA.*
11. Carta, K. E., Walters, S. N., Duong, J. B., Avramidis, K., Benamu, D. I., Tutul, A. A., Freitag, G. F., Simo Fiallo, N., Comer, J. S., Chaspari, T., Narayanan, S., & **Timmons, A. C.** (October 2022). Using pervasive computing and intensive data design to characterize patterns of emotional regulation. *Poster presented 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, College Station, TX.*
12. Duong, J. B., Carta, K. E., Walters, S. N., Benamu, D. I., Feng, K., Chaspari, T., Kim, Y., Han, S., Margolin, G., & **Timmons, A. C.** (October 2022). Using multimodal sensing technology to detect and predict mood states. *Poster presented 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, College Station, TX.*
13. Duong, J. B., Simo Fiallo, N., Dominguez, A., Carta, K. E., Walters, S. N., Barabino, A., Fogel, B., Marquez, C., Del Valle, E., Orji, G., Alvarez, K., Reynaga, L., & **Timmons, A. C.** (August 2022) Examining socio-cultural barriers to mHealth tools and services. *Poster presented at the NIH Diversity Supplement Professional Development and Networking Virtual Workshop.*
14. Walters, S. N., Duong, J. B., Carta, K. E., Simo Fiallo, N., Lee, T., Dominguez, A. M., Taylor, R. J., & **Timmons, A. C.** (May 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. *Poster presented at the Association for Psychological Science Conference, Chicago, IL.*
15. Herrera, G., Dominguez, A. M., Walters, S. N., Simo Fiallo, N., Carta, K. E., Duong, J. B., & **Timmons, A. C.** (March 2022). Parenting in the context of childhood adversity: Examining the influence of acculturation on the moderation effect of positive parenting. *Poster presented at the FIU Undergraduate Research Conference, Miami, FL.*
16. Duong, J. B., Chow, K., Castro, J., Simo Fiallo, N., Kim, Y., Han, S., Margolin, G., & **Timmons, A. C.** (February 2022). The impact of early adverse experiences on relationship closeness among

emerging adults: Examining gender moderated differences. *Poster accepted at the Miami International Child and Adolescent Mental Health Conference, Miami, FL.* (conference canceled).

17. Duong, J. B., Kim, Y., Han, S. C., Margolin, G., & **Timmons, A. C.** (November 2021). The sensitizing effect of early adversity on daily stress exposure and relationship closeness as a protective factor. *Poster presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
18. Morey, G., Gomez, P., Gallego E., Lee, T., Ramirez, M., Laguerre, W., Simo Fiallo, N., Del Campo, A., Duong, J. B., Han, S., Margolin, G., & **Timmons, A. C.** (May 2021). Using ecological momentary assessment to examine couples' tone, communication, and aggression during everyday relationship distress. *Poster presented at the Association for Psychological Science Virtual Conference.*
APS Building Bridges Student Poster Award.
19. Ryjova, Y., **Timmons, A. C.**, Margolin, G., Han, S. (May 2021). Short-term associations between negative communication and psychological distress in romantic relationships. *Poster presented at the Association for Psychological Science Virtual Conference.*
20. Zaidi, Z., Freedland, L., Vasireddy, A., Bradfield-Davis, M., Ryjova, Y., **Timmons, A. C.**, Margolin, G., Han, S. (May 2021). Partners' stress predicts the use of negative communication styles in young adult romantic couples. *Poster presented at the Association for Psychological Science Virtual Conference.*
21. Lee, P., Earleywine, D., Brown, P, Beale, A., Gold, A. I., Ryjova, Y, **Timmons, A. C.**, Margolin, G., & Han, S. C. (May 2021). Negative interactions between romantic partners predict elevated skin conductance levels in daily life. *Poster presented at the Association for Psychological Science Virtual Conference.*
22. Taylor, R., Simo Fiallo, N., Lee, T., Morey, G., Floyd, J., Laguerre, W., Gomez, P., Duong, J. B., & **Timmons, A. C.** (March 2021). Precious moments: Examining stress and childhood adversity as moderators of heart rate in romantic couples. *Poster presented at to FIU Undergraduate Research Virtual Conference, Miami, FL.*
23. Duong, J. B., Simo Fiallo, N., Silvera, C., Taylor, R., Kim, Y., Han, S. C., Margolin, G., & **Timmons, A. C.** (April 2021) Adverse childhood experiences and partners' level of stress as moderators of heart rate. *Poster presented at the Society for Research in Child Development Virtual Conference.*
24. Cristello, J. V., Duong, J. B., Simo Fiallo, N., Comer, J. S., **Timmons, A. C.** (April 2021). Can caregiver smartphone use predict child and caregiver mental health? An application of machine learning. *Poster presented at the Society for Research in Child Development Virtual Conference.*
25. Han, S. C., Rasmussen, H. F., Ryjova, Y., **Timmons, A. C.**, Kim, Y., Margolin, G. (April 2021). Humor as a protective factor in the international transmission of aggression. *Poster presented at the Society for Research in Child Development Virtual Conference.*
26. Del Campo, A., Gallego, E., Morey, G., & **Timmons, A. C.** (September 2020). Couples' tone and communication use during everyday relationship distress: Links with dating aggression. *Poster presented at the FIU Undergraduate Research Virtual Conference.*
27. Del Campo, A., Gomez, P., Griffin, C., Hernandez, G., Michel, M., Mejjias F., A., Morey, G., & **Timmons, A. C.** (June-September 2020). Aggressive dating couples use more anger and swear words in daily life. *Poster presented at the Association for Psychological Science Virtual Conference.*
28. Pettit, C., Sichko, S., Kim, Y., Han, S. C., **Timmons, A. C.**, & Margolin, G. (March 2020). Feeling aggression: Associations between family-of-origin aggression, relationship aggression, and daily

mood. *Poster accepted at the Society for Research on Adolescence Conference, San Diego, CA. (conference canceled).*

29. Straka, K. A., Han, S. C., Kim Y., **Timmons, A. C.**, Pettit C., Sichko, S., & Margolin, G. (November 2019). Mirroring partner speech: Associations with couple aggression and daily feelings of annoyance. *Poster presented at the International Society for Traumatic Stress Studies Conference, Boston, MA.*
30. Pettit, C., Sichko, S., Schacter, H., Barrett, S., Han, S., Kim, Y., **Timmons, A. C.**, & Margolin, G. (November 2019). A closer look at closeness: The impact of hourly mood on couples' closeness. *Poster presented at the Association for Behavioral and Cognitive Therapies Conference, Atlanta, GA.*
31. Jusko, M. L., Raiker, J., Mattfeld, A., **Timmons, A. C.**, Fosco, W., Campey, M., Little, K., Smith, J., & Sanchez, G. (June 2019). Mechanisms underlying reaction time variability in ADHD: The use of hidden Markov modeling to isolate on- and off-task states in reaction time distributions. *Poster presented at the International Society for Research in Child and Adolescent Psychopathology Conference, Los Angeles, CA.*
32. Del Campo, A., Gomez, P., Griffin, C., Hernandez, G., Michel, M., Meijias F., A., Morey, G., & **Timmons, A. C.** (April 2019). Couples' language use and vocal pitch during everyday relationship distress: Links with dating aggression. *Poster presented at the FIU Undergraduate Research conference, Miami, FL.*
33. Estafanous, M., Reyes, S., Kwan, C., Han, S. C., Kim, Y., Pettit, C., Sichko, S., **Timmons, A. C.**, & Margolin, G. (April 2019). Speaking sweet nothings: How syntax words relate to couple closeness. *Poster presented at the USC Undergraduate Research Symposium, Los Angeles, CA.*
34. Han, S. C., Kim, Y., **Timmons, A. C.**, Sichko, S., Pettit, C., Barrett, S., & Margolin G. (March 2019). Family-of-origin aggression and the expression of anger words in daily life among young adult dating couples. *Poster presented at the International Convention of Psychological Science, Paris, France.*
35. **Timmons, A. C.** (June 2018). The development of a mHealth infrastructure for child and family therapy. *Poster presented at the mHealth Technology Showcase for Health Research at the National Institute of Health, Bethesda, MD.*
36. Barrett, S., Lane, A., Han, S., C. Kim, Y., Shin, O., Pettit, C., **Timmons, A. C.**, & Margolin, G. (May 2018). Do men and women speak the same language? Everyday word use in relation to self-reported mood and depressive symptoms. *Poster presented at the Association for Psychological Science Conference, San Francisco, CA.*
37. Shin, O., Haque, A., Estafanous, M., Han, S. C., **Timmons, A. C.**, & Margolin, G. (November 2017). Parent-to-child aggression moderates the relationship between feelings of closeness and couples' sleep concordance in daily life. *Poster presented at the International Society for Traumatic Stress Studies Conference, Chicago, IL.*
38. **Timmons, A. C.**, Chaspari, T., Han, S. C., Kim, Y., Narayanan, S., & Margolin, G. (June 2017). The detection and prediction of couple conflict using mobile sensing technologies. *Poster presented at the Society for Ambulatory Assessment Conference, Luxembourg, Luxembourg.*
39. **Timmons, A. C.**, Chaspari, T., Han, S. C., Kim, Y., Narayanan, S., & Margolin, G. (April 2017). Using machine learning to automatically detect couple conflict in daily life. *Poster presented at the USC Big Data and Human Behavior Symposium, Los Angeles, CA.*

40. Chaspari, T., Han, S. C., Bone, D., **Timmons, A. C.**, Perrone, L., Margolin, G., & Narayanan, S. (April 2017). Quantifying regulation mechanisms in dating couples through a dynamical systems model of acoustic and physiological arousal. *Poster presented at the USC Big Data and Human Behavior Symposium, Los Angeles, CA.*
41. Han, S. C., **Timmons, A. C.**, Kim, Y., Rasmussen, H. F., Chaspari, T., Bisla, R., Estafanous, M., Rajeev, P., Salehani, K., Shin, O., Perrone, L., & Margolin, G. (April 2017). Parent-to-child aggression and anger words in daily life among young adults. *Poster presented at the Society for Research on Child Development Conference, Austin, TX.*
42. Shapiro, L. S., Margolin, G., **Timmons, A. C.**, Miller, K. F., & Susman, E. J. (April 2017). History of parent-to-youth conflict and attenuated diurnal HPA activity in adolescents. *Poster presented at the Society for Research on Child Development Conference, Austin, TX.*
43. Shin, O., Haque, A., Estafanous, M., Han, S. C., **Timmons, A. C.**, & Margolin, G. (April 2017). Feelings of closeness and couples' concordance in sleep in daily life: Parent-to-child aggression as a moderator. *Poster presented at the USC Undergraduate Research Symposium, Los Angeles, CA.*
44. Kim, Y., **Timmons, A. C.**, Han, S. C., Perrone, L., Haque, A., Ward, M., & Margolin, G. (May 2016). Rejection sensitivity as a moderator of the association between heart rate variability and everyday relationship distress. *Poster presented at the Association for Psychological Science Conference, Chicago, IL.*
45. Power, K. A., Han, S. C., **Timmons, A. C.**, Perrone, L., Nguyen, J., & Margolin, G. (May 2016). "I" usage in couples' everyday lives: How language relates to relationship functioning. *Poster presented at the Association for Psychological Science Conference, Chicago, IL.*
46. Vitale, L., **Timmons, A. C.**, Han, S. C., Perrone, L., Murphy, M., & Margolin, G. (May 2016). Attachment style, romantic partner presence, and physiological arousal in daily life. *Poster presented at the Association for Psychological Science Conference, Chicago, IL.*
47. Hee, E., Shin, O., Yoon, J., Haque, A., Nguyen, J., Salehani, K., Han, S. C., **Timmons, A. C.**, & Margolin, G. (April 2016). First-person pronoun use: How everyday language is associated with relationship satisfaction. *Poster presented at the USC Undergraduate Research Symposium, Los Angeles, CA.*
48. Han, S. C., **Timmons, A. C.**, Perrone, L., & Margolin, G. (November 2015). Traumatic life events and physiological arousal in daily life. *Poster presented at the International Society for Traumatic Stress Studies Conference, New Orleans, LA.*
49. Perrone, L., **Timmons, A. C.**, Han, S. C., Vitale, L., & Margolin, G. (November 2015). Victimization and perpetration in couples: Associations between dating violence and electrodermal activity in daily life. *Poster presented at the International Society for Traumatic Stress Studies Conference, New Orleans, LA.*
50. Rosenberg, S., Nguyen, J., Haque, A., Yang, Y., **Timmons, A. C.**, Han, S. C., & Margolin, G. (April 2015). Patterns of physiological activity associated with dating violence in daily life. *Poster presented at the USC Undergraduate Research Symposium, Los Angeles, CA.*
51. **Timmons, A. C.**, Feng, T., Chaspari, T., Narayanan, S., & Margolin, G. (March 2015). An evaluation of novel methodologies for capturing couple dynamics in the home environment. *Poster presented at the International Convention of Psychological Science, Amsterdam, Netherlands.*
52. **Timmons, A. C.**, Chaspari, T., Narayanan, S., & Margolin, G. (March 2015). The association between family violence history and physiological coregulation in dating relationships. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*

53. **Timmons, A. C.**, Shapiro, L. S., & Margolin, G. (March 2015). Cortisol reactivity, psychological symptoms, and parent-adolescent linkage in daily moods. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*
54. Del Piero, L. B., **Timmons, A. C.**, & Margolin, G. (March 2015). Heart rate coregulation in young romantic couples. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*
55. Kellerman, I., **Timmons, A. C.**, Ramos, M. C., & Margolin, G. (March 2015). Associations between negative mood and peer interactions: A daily diary study. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*
56. Miller, K. F., Shapiro, L. S., **Timmons, A. C.**, & Margolin, G. (March 2015). Parent and peer relationships moderate the association between adolescent depressive symptoms and HPA dysregulation. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*
57. Shapiro, L. S., Margolin, G., **Timmons, A. C.**, Miller, K. F., & Susman, E. J. (March 2015). Risk-taking in adolescence: An investigation of diurnal cortisol in relation to daily and previous-year risky behaviors. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*
58. Arbel, R., Shapiro, L. S., Kellerman, I., Ramos, M. C., **Timmons, A. C.**, & Margolin, G. (March 2015). Daily worries and fluctuations in adolescents' diurnal HPA patterns: The moderating role of depressive symptoms. *Poster presented at the Society for Research in Child Development Conference, Philadelphia, PA.*
59. **Timmons, A. C.**, & Margolin, G. (March 2014). Covariation of mood in parent-adolescent dyads and its links with depressive symptoms. *Poster presented at the Society for Research on Adolescence Conference, Austin, TX.*
60. Kellerman, I., **Timmons, A. C.**, Ramos, M. C., Borofsky, L., & Margolin, G. (March 2014). Using daily diary data to test temporal associations between negative mood and overeating among adolescents. *Poster presented at the Society for Research on Adolescence Conference, Austin, TX.*
61. Ramos, M. C., **Timmons, A. C.**, Rodriguez, A. J., & Margolin, G. (March 2014). Observed marital conflict and parent-adolescent coalitions during triadic interaction: Links with family violence history and later youth symptoms. *Poster presented at the Society for Research on Adolescence Conference, Austin, TX.*
62. Ramos, M. C., & **Timmons, A. C.**, & Margolin, G. (April 2013). Everyday conflict in multiple family domains: A daily diary study of adolescents. *Poster presented at the Society for Research in Child Development Conference, Seattle, WA.*
63. **Timmons, A. C.** (August 2012). An integrative framework for promoting the interchange between substantive and quantitative research. *Poster presented at the American Psychological Association Conference, Orlando, FL.*
64. **Timmons, A. C.** (July 2012). Testing lagged intraindividual mediation models in a multilevel structural equation modeling framework. *Poster presented at the International Meeting of the Psychometric Society, Lincoln, NE.*
65. **Timmons, A. C.**, & Preacher, K. J. (May 2012). Temporal design considerations for nonlinear data. *Poster presented at the Association of Psychological Science Conference, Chicago, IL.*

66. **Timmons, A. C.**, & Pisciotto, M. (April 2010). The role of gender bias in depression, reassurance-seeking, and interpersonal rejection. *Poster presented at the Midwestern Psychological Association Conference, Chicago, IL.*
67. Bistricky, S., Young, K., O'Hare, A., Stroupe, N., Fitts, A., Schuster, J., **Timmons, A. C.**, Judah, M., Ilardi, S., & Atchley, R. (September 2009). Depression and attention to emotionally valenced words and images: An event-related potentials (ERP) study. *Poster presented at the Society for Research in Psychopathology Conference, Minneapolis, MN.*

STATISTICAL CONSULTING POSITIONS

<u>FIU Psychology Department and Center for Children and Families</u> Held weekly office hours for statistical consulting for graduate students and faculty	2018-2022
<u>USC Graduate Consultation and Computer Center</u> Provided statistical consultation for graduate students and faculty in the psychology department	2012-2013
<u>KU Center for Research Methods and Data Analysis</u> Provided statistical consulting for graduate students and faculty in the College of Arts and Sciences	2010-2011
<u>KU Summer Institute in Statistics</u> Provided statistical consulting for graduate students and faculty during a series of week-long workshops	2010, 2011

TEACHING

Courses

<u>Applied Data Science</u> Advanced undergraduate course on applied topics in data science, including the use of AI to enhance clinical intervention, the use of wearable technologies, the impact of algorithmic bias on disparities in mental health, and iterative micro-experimental models Average student rating of instructor: 5/5	Spring 2023
<u>Seminar in Childhood Trauma and Adversity</u> UT Austin Psychology Department Instructor Special topics seminar on the multifaceted impacts of childhood exposure to trauma and adversity and systemic structures that lead to and maintain health disparities Average student rating of instructor: 4.9/5	Fall 2022, Spring 2024
<u>Data Science for the Social Sciences</u> FIU Psychology Department Instructor Advanced graduate-level quantitative course on data science methods for behavioral scientists covering time series and machine learning (neural network, decision trees support vector machines, etc.) Average student rating of instructor: 4.9/5, 4.7/5	Spring 2022 Spring 2019
<u>Seminar in Childhood Trauma and Adversity</u> FIU Psychology Department Instructor Special topics seminar on the multifaceted impacts of childhood exposure to trauma and adversity and systemic structures that lead to and maintain	Fall 2021 Spring 2021 Fall 2019 Fall 2018

health disparities

Average student rating of instructor: 4.8/5, 4.9/5, 4.8/5, 4.9/5

Introduction to Psychology

UCLA Extension Instructor

Instructor for an introductory survey course for undergraduate and postbaccalaureate students as part of UCLA's on-campus continuing education program

Average student rating of instructor: 8.9/9, 8.9/9

Fall 2016

Winter 2017

Introduction to Statistics with Lab Section

USC Teaching Assistant (lab section)

Taught lab section on introductory statistics and programming in R

Average student rating of instructor: 4.9/5

Spring 2013

Psychology of Marriage and Family

USC Teaching Assistant (no lab section)

Graded assignments, held office hours, and met with students

Fall 2012

Training Programs

AI Modeling Workgroup

Leading an interdisciplinary and cross-institution workgroup of psychologists, data scientists, and engineers who are building machine learning models from wearable sensor data to detect psychological functioning in families in daily life

2021-present

Bias in AI Workgroup

Leading an interdisciplinary and cross-institution workgroup of psychologists, data scientists, and engineers who are assessing and developing methods to mitigate bias in machine learning models applied to mental health

2021-present

Co-Creation Workgroup

Leading an interdisciplinary and cross-institution workgroup of psychologists, data scientists, and engineers who are using co-creation methods to build inclusive mental health software centered on users' experiences and feedback

2021-present

Innovation Test Kitchen

Leading an interdisciplinary team to generate new ideas to implement on remote health monitoring software, building and testing these ideas via micro-experiments, conducting qualitative and quantitative assessments of the technology, and iterating and improving the design

2021-present

Remote Health Monitoring and Intervention Clinical Practicum

Leading a clinical practicum on developing, implementing, and standardizing best practices for app-based digital mental health, including developing assessments and interventions and managing privacy, ethics, risk, and data security

2021-2022

Quantitative Workshops Taught

1. **Timmons, A. C.** (November 2013). An introduction to data analysis in Mplus. *Workshop, Graduate Consultation and Computer Center, Department of Psychology, USC, Los Angeles, CA.*
2. **Timmons, A. C.** (October 2013, May 2013). Methods for dealing with missing data. *Workshop, Graduate Consultation and Computer Center, Department of Psychology, USC, Los Angeles, CA.*

Guest Lectures and Other Talks

1. Duong, J. B., Carta, K. E., Walters, S., Benamu, D. I., Jumonville, G. A., Tutul, A. A., Avramidis, K., Freitag, G. F., Narayanan, S., Chaspari, T., Comer, J. S., Ahle, M. W., & Timmons, A. C. (April 2023). Using wearable sensors and mobile phones to explore family dynamics: How digital tools are enhancing our understanding of family life. *Talk, Developmental Cognitive Neuroscience Lab, The University of Texas at Austin, Austin, TX.*
2. Duong, J. B., Walters, S., Carta, K. E., Benamu, D. I., Jumonville, G. A., & Timmons, A. C. (February 2023). History of adversity impacts emotional reactivity to stress in emerging adulthood: A daily diary study. *Talk, Department of Psychology Developmental Seminar, The University of Texas at Austin, Austin, TX.*
3. Timmons, A. C. (November 2022). Using mobile sensing technology to capture naturalistic behavior in couples and families. *Guest Lecture, Special Interest Group on Computational Natural Behavior, Department of Psychology, The University of Texas at Austin, Austin, Texas.*
4. Timmons, A. C. (March 2019). Technology and machine learning applications for mHealth Research. *Guest Lecture, Developmental Research Methods (graduate course), Department of Psychology, FIU, Miami, FL.*
5. Timmons, A. C. (November 2016). Using psychophysiological measures in daily life to automatically detect instances of relationship conflict. *Guest Lecture, Psychophysiology (undergraduate course), Department of Psychology, USC, Los Angeles, CA.*
6. Timmons, A. C. (November 2015). Dating aggression and physiology in romantic partners' everyday lives. *Guest Lecture, Health Psychology (undergraduate course), Department of Psychology, USC, Los Angeles, CA.*
7. Timmons, A. C. (October 2015). Ambulatory physiological measurement of electrodermal activity in dating couples. *Guest Lecture, Understanding Emotions (undergraduate course), Department of Psychology, USC, Los Angeles, CA.*
8. Timmons, A. C. (April 2015). Measuring electrodermal activity and heart rate in dating couples in their daily lives. *Guest Lecture, Psychophysiology (graduate course), Department of Psychology, USC, Los Angeles, CA.*
9. Timmons, A. C. (November 2014). Physiological connectedness in young adult dating pairs: Connections to family-of-origin aggression and dating aggression. *Guest Lecture, Understanding Emotions (undergraduate course), Department of Psychology, USC, Los Angeles, CA.*
10. Timmons, A. C. (November 2013). Couples' therapy. *Guest Lecture, Psychology of Marriage and Family (undergraduate course), Department of Psychology, USC, Los Angeles, CA.*
11. Preacher, K. J., & Timmons, A. C. (November 2013). Choosing repeated measurement occasions to minimize bias and maximize efficiency. *Talk, Department of Psychology, University of Notre Dame, South Bend, IN.*
12. Preacher, K. J., & Timmons, A. C. (November 2013). Choosing repeated measurement occasions to minimize bias and maximize efficiency. *Talk, Department of Psychology & Human Development, Vanderbilt University, Nashville, TN.*

MENTORSHIP

Doctoral Students

Jocelyn Little (co-mentor)	2023-present
Jacqueline B. Duong	2020-present
Kayla E. Carta	2021-present

Sierra N. Walters

2021-present

Grant-Funded Project Coordinators

Alyssa S. Carrasco

2023-present

Grace A. Jumonville

2022-present

Dominique I. Benamu

2022-2023

Natalia Simo Fiallo

2020-2022

Honors Thesis Students

Naomi Economou

2023-present

Lydia Lovelace

2022-2023

Avery Hendrick

2022-2023

PROFESSIONAL SERVICE**National Committees**APA Division 12 Digital Mental Health Task Force Member

2019-2022

Attended weekly meetings; regularly connect with and inform larger APA initiatives related to prescription privileges, evidence evaluations, FDA approval, and insurance reimbursement; write commentaries and papers

Departmental CommitteesUT Austin Department Colloquium Series Committee

2022-present

Selecting, organizing, and hosting speakers for the department Colloquium series

FIU Clinical Science Program Diversity Statement Committee

2021-2022

Helping to draft the FIU Clinical Science diversity statement and program mission statement

FIU Clinical Science Program Professional Developmental Committee

2020-2022

Organize regular talks on professional development topics such as diversity, grant writing, and women in science

FIU Clinical Science Program Internship Committee

2019-2020

Helped prepare students for internship by holding Q&A meetings, reading and providing feedback on essays, and holding mock interviews

Grant, Symposia, and Award ReviewsNIH Grant Panel Reviewer

2024

SBIR/STTR Small Business: Biobehavioral Processes

NIH Grant Panel Reviewer

2023

Social Psychology, Personality, and Interpersonal Processes

UT Austin Y'ALL Research Conference Poster Reviewer

2023

SRCD Conference Symposia Reviewer

2019

FIU Conference for Undergraduate Research Judge

2019

APAGS Basic Psychological Research Grant Reviewer

2015, 2016

Dissertation Committees

Poheng Chen

2024-present

Annabeth Maden Russek

2023-present

Mackenzie Zisser	2022-present
Megan Micheletti	2022-present
Natalie Hong	2020-2021
Xin Zhao	2020-2021

Master's Thesis Committees

Kayla E. Carta (Chair)	2021-2023
Sierra N. Walters (Chair)	2021-2023
Jacqueline B. Duong (Chair)	2020-2022
Anna Beth Madden-Rusnak	2021-2022
Karissa DiMarzio	2018-2019
Chelsea Dale	2018-2019

Community Service

<u>Willow Domestic Violence Shelter Interim Volunteer Program Director</u> Directed volunteer training program and managed volunteer schedules and activities	2009-2010
--	-----------

Selected Ad Hoc Journal Reviews

Development and Psychopathology (2023)
Advances in Methods and Practices in Psychological Science (2023)
Emotion (2020, 2023)
Journal of Social and Personal Relationships (2020, 2016)
Child Development (2019)
Sensors (2019)
Stress (2019)
Psychoneuroendocrinology (2019)
Journal of Family Psychology (2013, 2019)
Behavior Therapy (2018)
Journal of Adolescence (2017)
Family Process (2017)
Psychological Science (2016, 2017)
Physiology and Behavior (2016)

CLINICAL SUPERVISION

<u>FIU Clinical Science Practicum in Digital Mental Health</u> Develop and administer specialized doctoral training in digital mental health and remote health monitoring to train clinical scientists in safe, ethical, effective use of remote monitoring in clinical care	2021-2022
---	-----------

CLINICAL TRAINING

UCSF Medical Center Predoctoral Fellowship <u>Child Trauma Research Program</u> Supervisors: Dr. Alicia Lieberman, Dr. Chandra Ghosh Ippen Administered Child-Parent Psychotherapy to low-income parents and children, ages 2-6, exposed to severe interpersonal trauma <u>Psychiatric Inpatient Unit</u> Supervisor: Dr. Eddie Ong Provided therapy to hospitalized adults with severe mental illness	2017-2018
---	-----------

Psychiatric Emergency Services

Supervisor: Dr. John Harbison

Conducted risk assessments of uninsured, low-income, and homeless adults with severe mental illness in psychiatric crises

UCLA Medical Center Predoctoral Externship

2015-2016

Families Overcoming under Stress Clinical Trial

Supervisors: Dr. Catherine Mogil and Dr. Cara Kiff

Administered preventative telehealth interventions as part of an NIH randomized control trial for military families with children ages 3 to 6

Stress, Trauma, and Resilience Clinic

Supervisors: Dr. Catherine Mogil and Dr. Patricia Lester

Administered therapy to families and couples exposed to trauma

Family Development Project

Supervisors: Dr. Catherine Mogil and Dr. Lauren Spies Shapiro

Administered attachment-based interventions to mothers of infants in the neonatal intensive care unit, attended psychosocial rounds

Parenting Workshop for Military Families, Long Beach VA

Supervisors: Dr. Catherine Mogil and Dr. Cara Kiff

Co-facilitated a parent training workshop for military families

Harbor-UCLA Medical Center

2012

Supervisor: Dr. Matthew Wright

Conducted comprehensive neuropsychological assessments with low-income, culturally diverse adults

USC Psychological Services Center

2012-2016

Child, Family, and Couple Therapy Practicum

Supervisor: Dr. Gayla Margolin

Provided behavioral interventions, Exposure Therapy, Integrative Behavioral Couples Therapy, and Emotion-Focused Therapy

Adult Therapy Practicum

Supervisors: Dr. Shannon Couture and Dr. Steven Lopez

Provided Cognitive Behavior Therapy, Acceptance and Commitment Therapy, Behavioral Activation, and Exposure and Response Prevention

NIH AND NSF ENTREPRENEURIAL TRAINING PROGRAMSNSF Innovation Corps Entrepreneurial Training Program

2018

Application-based training and mentorship program for NSF-funded investigators with technologies with potential for commercialization (20 hours per week for 6 weeks)

UCLA-USC NSF Innovation Corps Node Entrepreneurial Training Program

2017

Multi-day workshop in entrepreneurial training for NSF-funded investigators with technologies with potential for commercialization

PROFESSIONAL MEMBERSHIPS

Society for Ambulatory Assessment

2015-present

Society for Research in Child Development

2013-present

Association for Psychological Science

2012-present

OTHER

Study Abroad in Paris, France
 l'Étoile: Centre de Langue et Vie Françaises

2009

PROFESSIONAL REFERENCES

Dr. Gayla Margolin
 Ph.D. Advisor
 Professor of Psychology
 University of Southern California
 margolin@usc.edu

Dr. Deborah Jones
 Collaborator in child mental health
 Professor of Psychology
 University of South Carolina, Chapel Hill
 djones@email.unc.edu

Dr. Shrikanth Narayanan
 Engineering and AI collaborator
 Professor of Electrical Engineering
 University of Southern California
 shri@ee.usc.edu

Dr. Jonathan Comer
 Collaborator in child mental health
 Professor of Psychology
 Florida International University
 jocomer@fiu.edu

Dr. Kristopher Preacher
 Undergraduate Honors Thesis Advisor
 Professor of Psychology
 Vanderbilt University
 kris.preacher@vanderbilt.edu