

ADELA C. TIMMONS, PH.D.

Pronouns: she, her, hers
Curriculum Vita

Assistant Professor

Clinical Science and Quantitative Psychology
Center for Children and Families
Florida International University
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Director, TIES Lab

Technological Interventions for Ecological Systems
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President and CEO

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ACADEMIC APPOINTMENT

Tenure Track Assistant Professor

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

2018-present

EDUCATION

Predoctoral Clinical Psychology Fellow

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

2017-2018

Dual Ph.D., University of Southern California

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

2011-2018

M.A., University of Southern California

Advisors: Dr. Gayla Margolin and Dr. Jack McArdle

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

2011-2013

B.A., University of Kansas

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?

2007-2011

HONORS AND AWARDS

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>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 <u>Total cost:</u> \$5,000	2021
<u>NIMH Small Business Technology Transfer 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 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
<u>APA Dissertation Award</u> <u>Title:</u> Romantic Partners' Physiological and Emotional Coregulation in the Home Environment <u>Role:</u> PI <u>Total cost:</u> \$1,000	2015
<u>APAGS Basic Psychological Science Research Grant</u> <u>Title:</u> Covariation of Physiological Arousal between Dating Pairs in Early Adulthood and its Links with Parent-Child Relationships <u>Role:</u> PI <u>Total cost:</u> \$1,000	2014
<u>NSF Graduate Research Fellowship Program Fellowship</u> <u>Title:</u> The Psychobiological Covariation of Electrodermal Activity between Dating Pairs in Early Adulthood and its Links with Parent-Child Relationships <u>Role:</u> PI <u>Total cost:</u> \$132,000	2012-2015
<u>APAGS/Psi Chi Junior Scientist Fellowship</u> <u>Description:</u> Fellowship award for early-stage graduate student scientists <u>Role:</u> PI <u>Total cost:</u> \$1,000	2012

Mentored and Consultant External Grants Funded

NICHD NRSA F31 to Promote Diversity in Health-Related Research 2021

Title: Identifying Drug and Alcohol Displays on Social Media Using a Machine Learning Approach, and Mechanisms that Impact Adolescent Substance Use

Role: Consultant

Total cost: \$73,654

NICHD NRSA F31 to Promote Diversity in Health-Related Research 2019

Title: Examining the Influence of Parenting Practices on Youth's Sleep Health during a Sensitive Developmental Period

Role: Secondary Mentor

Total cost: \$79,903

NIDA T32 Training Grant 2019-2024

Title: Training Program in Adolescent Substance Use Disorders and Co-Occurring Mental and Behavioral Disorders

Role: Affiliate Mentor

Total cost: \$1,627,050

Intramural Grants and Fellowships Funded

FIU Psychology Department Seed Award 2020

Title: Assessing Disparities in mHealth Implementation Research

Role: Mentor

Total cost: \$2,000

UCSF Clinical Research Startup Funds Grant 2018

Title: Assessing PTSD Symptoms in Infants with History of Trauma Exposure

Role: PI

Total cost: \$1,000

USC Undergraduate Research Associates' Programs 2016

Title: Capturing Life as it is Lived Using Mobile Technology to Identify Real-World Indicators of Dating Aggression

Role: Co-I

Total cost: \$7,500

USC Wallis Annenberg Endowed Fellowship 2011, 2016

Description: Fellowship for doctoral students studying women, families, and threats to their well-being

Total cost: \$130,000

USC Undergraduate Research Associates' Programs 2015

Title: A Day in the Life: Using Mobile Technology to Capture Indicators of Dating Aggression

Role: Co-I

Total cost: \$9,750

Extramural Grants and Fellowships Pending

NIH New Innovator Award Under review

Title: An Industry-Operated, Open Science Platform to Accelerate the Development, Evaluation, and Dissemination of Expert-Developed, Evidence-Based, AI-Enhanced Digital Behavioral Health Programs

Role: PI

Total cost: \$2,100,000

<p><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 <u>Total cost:</u> \$142,842</p>	Under review
<p><u>NIMH R34 Exploratory Research Grant</u> <u>Title:</u> Personalizing Behavioral Parent Training: Improving Reach and Outcomes for Families of Children with ADHD <u>Role:</u> Co-I <u>Total cost:</u> \$663,750</p>	Under review
<p><u>NIMH NRSA F31</u> <u>Title:</u> The Implications of Neurocognitive Functioning for Understanding Driving Behavior in Adolescents with ADHD <u>Role:</u> Consultant <u>Total cost:</u> \$82,882</p>	Under review
<p><u>NSF Social, Behavioral, and Economic Sciences Grant</u> <u>Title:</u> Leveraging Innovations in Machine Learning to Accelerate our Understanding of the Dynamic and Transactional Nature of Parenting in Low-Income Families <u>Role:</u> Site PI <u>Total cost:</u> \$582,891</p>	Resubmission in prep
<p><u>NIMH 21 Exploratory/Developmental Research Grant</u> <u>Title:</u> Dyadiographic Network Modeling of the Intergenerational Transmission of Depression: Use of Parent-Adolescent Active and Passive Smartphone Data <u>Role:</u> Co-I <u>Total cost:</u> \$405,625</p>	Resubmission in prep

PUBLICATIONS

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

Journal Articles

1. Zhao, X., Coxe, S., **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*. Advance online publication. doi: [10.1007/s10488-021-01168-w](https://doi.org/10.1007/s10488-021-01168-w).
2. 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*. Advance online publication. doi: [10.1111/famp.12719](https://doi.org/10.1111/famp.12719).
3. 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*. Advance online publication. doi: [10.1111/bjc.12286](https://doi.org/10.1111/bjc.12286).
4. 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).
5. Han, S. C., Schacter, H. L., **Timmons, A. C.**, Kim, Y., Sichko, S., Pettit, C., & Margolin, G. (2021).

Annoyance and anger words in dating couples' daily lives: Related to family-of-origin aggression? *Social Psychological and Personality Science*, 6, 898-907. doi: [10.1177/1948550620958806](https://doi.org/10.1177/1948550620958806).

6. 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).
7. **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).
8. 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).
9. 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).
10. 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).
11. 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).
12. 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).
13. **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).
14. 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).
15. 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).
16. **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).
17. **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).
18. **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).

19. 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).
20. 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).
21. 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).
22. **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).
23. **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).
24. **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).
25. 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

26. 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).
27. 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).
28. 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).
29. 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.
30. 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 Chapter

31. 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 and Software

1. **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](#).
2. **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).
3. **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).

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

1. 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>.
2. Discover. (2021). Can wearable devices save your relationship? Retrieved from: <https://www.discovermagazine.com/technology/can-wearable-devices-save-your-relationship>.
3. **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/>.
4. **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/>.
5. **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/>.
6. **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/>.
7. **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/>.
8. **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/>.
9. **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>.
10. Florida Trends (2021). The global reach of Florida innovations: Better mental health in real time. Retrieved from: <https://www.floridatrend.com/print/article/32082>.
11. Carl, J. R., Jones, D. J., Lindhiem, O. J., Doss, B. D., Weingardt, K. R., **Timmons, A. C.**, & Comer, JS. (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.

12. 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>.
13. 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>.
14. 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.
15. 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>.
16. 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>.
17. 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/>.
18. 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>.
19. 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>.
20. CNET. (2017). Wearable warns when you and your lover are about to fight. Retrieved from: <https://www.cnet.com/news/wearable-warns-you-when-you-and-your-lover-are-about-to-fight/>.
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>.

Manuscripts under Review

1. **Timmons, A. C.**, Han, S. C., Chaspari, T., Kim, Y., Narayanan, S., Duong, J. B., & Margolin, G. (revise and resubmit). Relationship satisfaction, feelings of closeness and annoyance, and linkage in electrodermal Activity. *Emotion*.
2. 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. (revise and resubmit). What happens when young couples discuss personal loss? Relational, emotional, and physiological impacts. *Journal of Family Psychology*.
3. Chaspari, T., Dubagunta, A., Paromita, P., Han, S. C., Kim, Y., **Timmons, A. C.**, & Margolin, G. (under review). Investigating racial bias in machine learning models of mental health: Implications for equitable tele-behavioral health.
4. Zhao, X., Wu, W., **Timmons, A. C.**, & Frazier, S. L. (under review). State variation in online information-seeking about ADHD.

Manuscripts in Preparation

1. Horn, A. & **Timmons, A. C.** (invited book chapter in preparation). Relationships. In M. R. Mehl, M. Eid, C. Wrutz, & G. Harari. *Mobile Sensing in Psychology: Methods and Applications*.
2. Duong, J. B., Simo Fiallo, N., Carta, K., Walters, S., Han, S. C., Kim, Y., Margolin, G., & **Timmons, A. C.** (in preparation). The sensitizing effect of early adversity on daily stress exposure and relationship closeness as a protective factor.

PRESENTATIONS

Invited Talks

1. **Timmons, A. C.**, Duong, J. B., Carta, K., Walters, S., Simo Fiallo, N., & Lee, T. (expected 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*.
2. **Timmons, A. C.** (expected April 2022). Machine learning innovations for the psychological sciences. *Invited Talk, Department of Psychology, University of Virginia, Charlottesville, VA*.
3. **Timmons, A. C.** (November 2020). Machine learning applications for the detection of psychological states in naturalistic settings. *Invited Talk, Department of Psychology, Vanderbilt University, Nashville, TN*.

4. **Timmons, A. C.** (October 2019). Machine learning models of interpersonal functioning in daily life. *Invited Talk, Department of Psychology, University of Massachusetts, Amherst, MA.*
5. **Timmons, A. C.** (October 2018). The automatized detection of interpersonal functioning in daily life using mobile sensing and machine learning technologies. *Invited Talk, Department of Computer Science, Texas A&M University, College Station, TX.*
6. **Timmons, A. C.,** & Ahle, M. W. (May 2018). mHealth: Ambulatory assessment in psychological research. *Invited Talk, Florida International University Center for Children and Families, Miami, FL.*

Conference Symposia and Talks

1. Hong, H., **Timmons, A. C.,** Hayes, T., Conroy, K., Bagner, D., & Comer, J. (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.*
2. 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 (Co-Chair), Geographical disparities in mental health information-seeking and service utilization. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
3. **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 (Co-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.*
4. 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 (Co-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.*
5. 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 (Co-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.*
6. **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.*
7. **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 in San Diego, CA. (conference canceled).*
8. 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 in San Diego, CA.* (conference canceled).
9. 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).
 10. **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 in Syracuse, NY.*
 11. **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 in Portland, OR.*
 12. 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 in Las Vegas, NV.*
 13. **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 in Austin, TX.*
 14. **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 in Los Angeles, CA.*
 15. 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 in Los Angeles, CA.*
 16. 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 in San Diego, CA.*
 17. **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 in Philadelphia, PA.*
 18. 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 in Philadelphia, PA.*

19. 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 in Philadelphia, PA.*
20. **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 in State College, PA.*
21. 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 in San Francisco, CA.*
22. **Timmons, A. C.**, & Margolin, G. (May 2013). Family conflict, negative mood, and adolescents' daily problems in school. *Paper presented at the USC Leibovitz Conference in Los Angeles, CA.*
23. **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 in Seattle, WA.*

Conference Posters

1. Duong, J. B., Chow, K., Castro, J., Simo Fiallo, N., Kim, Y., Han, S., Margolin, G., & **Timmons, A. C.** (expected 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.*
2. Duong, J. B., Kim, Y., Han, S. C., Margolin, G., & **Timmons, A. C.** (expected November 2021). The sensitizing effect of early adversity on daily stress exposure and relationship closeness as a protective factor. *Poster accepted at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
3. 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.
4. 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.*
5. 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.*
6. 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.*

7. Taylor, R., Simo Fiallo, N., Lee, T., Morey, G., Floyd, J., Laquerre, 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 Virtual Conference for Undergraduate Research.*
8. 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.*
9. 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.*
10. 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.*
11. 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 Virtual Conference for Undergraduate Research.*
12. Del Campo, A., Gomez, P., Griffin, C., Hernandez, G., Michel, M., Meijias 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.*
13. 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 in San Diego, CA. (conference canceled).*
14. 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 in Boston, MA.*
15. 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 in Atlanta, GA.*
16. 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 in Los Angeles, CA.*
17. 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 Conference for Undergraduate Research in Miami, FL.*
18. 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 in Los Angeles, CA.*

19. 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 in Paris, France.*
20. **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 in Bethesda, MD.*
21. 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 in San Francisco, CA.*
22. 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 in Chicago, IL.*
23. **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 in Luxembourg, Luxembourg.*
24. **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 in Los Angeles, CA.*
25. 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 in Los Angeles, CA.*
26. 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 in Austin, TX.*
27. 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 in Austin, TX.*
28. 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 in Los Angeles, CA.*
29. 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 in Chicago, IL.*
30. 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 in Chicago, IL.*

31. 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 in Chicago, IL.*
32. 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 in Los Angeles, CA.*
33. 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 in New Orleans, LA.*
34. 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 in New Orleans, LA.*
35. 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 in Los Angeles, CA.*
36. **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 in Amsterdam, Netherlands.*
37. **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 in Philadelphia, PA.*
38. **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 in Philadelphia, PA.*
39. 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 in Philadelphia, PA.*
40. 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 in Philadelphia, PA.*
41. 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 in Philadelphia, PA.*
42. 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 in Philadelphia, PA.*
43. 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 in Philadelphia, PA.*

44. **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 in Austin, TX.*
45. 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 in Austin, TX.*
46. 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 in Austin, TX.*
47. 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 in Seattle, WA.*
48. **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 in Orlando, FL.*
49. **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 in Lincoln, NE.*
50. **Timmons, A. C.**, & Preacher, K. J. (May 2012). Temporal design considerations for nonlinear data. *Poster presented at the Association of Psychological Science Conference in Chicago, IL.*
51. **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 in Chicago, IL.*
52. 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 in Minneapolis, MN.*

STATISTICAL CONSULTING POSITIONS

<u>FIU Psychology Department and Center for Children and Families</u> Hold weekly office hours for statistical consulting for graduate students and faculty	2018-present
<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**Training Programs**

<u>Innovation Test Kitchen</u> 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-ongoing
<u>Remote Health Monitoring and Intervention Clinical Practicum</u> 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-ongoing
<u>Bias in AI Workgroup</u> 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-ongoing

Courses

<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	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 health disparities Average student rating of instructor: 4.8/5, 4.9/5, 4.8/5, 4.9/5	Fall 2021 Spring 2021 Fall 2019 Fall 2018
<u>Introduction to Psychology</u> 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
<u>Introduction to Statistics with Lab Section</u> 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
<u>Psychology of Marriage and Family</u> USC Teaching Assistant (no lab section) Graded assignments, held office hours, and met with students	Fall 2012

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. **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.*
2. **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.*
3. **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.*
4. **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.*
5. **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.*
6. **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.*
7. **Timmons, A. C.** (November 2013). Couples' therapy. *Guest Lecture, Psychology of Marriage and Family (undergraduate course), Department of Psychology, USC, Los Angeles, CA.*
8. 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.*
9. 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

Dissertation Committees

Stephanie Morris	Ongoing
Gabrielle Freitag	Ongoing
Juliana Acosta	Ongoing
Karissa DiMarzio	Ongoing
Natalie Hong	2021
Xin Zhao	2021

Master's Thesis Committees

Jacqueline Duong (Chair)	Ongoing
Kayla Carta (Chair)	Ongoing
Sierra Walters (Chair)	Ongoing
Karissa DiMarzio	2019
Chelsea Dale	2019

PROFESSIONAL SERVICE

Committees

FIU Clinical Science Program Diversity Statement Committee 2021-present
 Helping to draft the FIU Clinical Science diversity statement and program mission statement

FIU Clinical Science Program Professional Developmental Committee 2020-present
 Organize regular talks on professional development topics such as diversity, grant writing, and women in science

APA Division 12 Digital Mental Health Task Force Member 2019-present
 Attend 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

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 Reviews

SRCD Conference Symposia Reviewer 2019
 FIU Conference for Undergraduate Research Judge 2019
 APAGS Basic Psychological Research Grant Reviewer 2015, 2016

Community Service

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

Selected Ad Hoc Journal Reviews

<i>Journal of Social and Personal Relationships</i> (2020, 2016)	<i>Emotion</i> (2020)
<i>Sensors</i> (2019)	<i>Child Development</i> (2019)
<i>Stress</i> (2019)	<i>Psychoneuroendocrinology</i> (2019)
<i>Behavior Therapy</i> (2018)	<i>Journal of Adolescence</i> (2017)
<i>Family Process</i> (2017)	<i>Psychological Science</i> (2016, 2017)
<i>Physiology and Behavior</i> (2016)	<i>Journal of Family Psychology</i> (2013-2019)

SUPERVISION

FIU Clinical Science Practicum in Digital Mental Health Fall 2021
 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

CLINICAL TRAINING

UCSF Medical Center Predoctoral Fellowship 2017-2018

Child Trauma Research Program
 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

Psychiatric Inpatient Unit

Supervisor: Dr. Eddie Ong

Provided therapy to hospitalized adults with severe mental illness

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 PROGRAMS

NIH Concept to Clinic: Commercializing Innovation

2021-2022

Application-based training and mentorship program for NIH-funded investigators with technologies with potential for commercialization (10 hours per week for 7 months)

NSF 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)

<u>UCLA-USC NSF Innovation Corps Node Entrepreneurial Training Program</u>	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, 2015

OTHER

<u>Study Abroad in Paris, France</u>	2009
l'Étoile: Centre de Langue et Vie Françaises	

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