

## CURRICULUM VITAE

Adela C. Timmons, Ph.D. (she/her/hers)

Assistant Professor | Department of Psychology | University of Texas at Austin  
Director of the Technological Interventions for Ecological Systems (TIES) Lab  
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President and CEO of Colliga (koh-lee-gah) | Latin: "bring together" | [colliga.io](http://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 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 Dr. 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 (2024,2025)  
APA Editor's Choice Article, *Emotion* (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<sup>nd</sup> Place (2017)  
Gerald Davison Award for Scientific Writing (2017)  
USC Big Data and Human Behavior Symposium 2<sup>nd</sup> Place Talk (2016)  
KU Psychology Honors Thesis Poster Award for Best Quantitative Methods (2011)  
KU French Honors Award for Achievement in French (2009)

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**GRANTS AND FELLOWSHIPS**


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**Principal Investigator Extramural Grants and Fellowships Funded**NIMH Administrative Supplement Grant (2023-2025)

Title: Supplement to the Development and Systematic Evaluation of a Just-in-Time Adaptive Intervention for Improving Child Mental Health

Role: PI (Timmons, Ahle, and Comer, Multi-PIs)

Total cost: \$357,469

NIMH Diversity Supplement Grant (2022-2025)

Title: Promoting Mental Health Equity through Co-Creation of Digital Mental Health Technologies

Role: PI (Timmons, Ahle, and Comer, Multi-PIs)

Total cost: \$142,842

APPIC Call to Action on Tele-Supervision and Tele-Health (2021)

Title: The Development of a Formalized Training Program in Digital Mental Health

Role: PI (Timmons, Comer, and Bagner, Multi-PIs)

Total cost: \$5,000

NIMH Small Business Innovation Research Grant (2020-2025)

Title: The Development and Systematic Evaluation of a Just-in-Time Adaptive Intervention for Improving Child Mental Health

Role: PI (Timmons, Ahle, and Comer, Multi-PIs)

Total cost: \$2,900,000 (plus supplements, see above)

NSF Innovation Corps Program Grant (2018-2020)

Title: A Technology-Facilitated Intervention System for Improving Child Mental Health

Role: PI

Total cost: \$50,000

APA Dissertation Award (2015)

Title: Romantic Partners' Physiological and Emotional Coregulation in the Home Environment

Role: PI

Total cost: \$1,000

APA Graduate Student Basic Psychological Science Research Grant (2014)

Title: Covariation of Physiological Arousal between Dating Pairs in Early Adulthood and its Links with Parent-Child Relationships

Role: PI

Total cost: \$1,000

NSF 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 Relationships

Role: PI

Total cost: \$132,000

APA Graduate Students/Psi Chi Junior Scientist Fellowship (2012)

Description: Fellowship award for early-stage graduate student scientists

Role: PI

Total cost: \$1,000

**Principal Investigator Extramural Grants and Fellowships Under Review**NIMH Commercialization Readiness Pilot Program

Title: A Centralized Clinical Research Tool for Accelerating the Development, Evaluation, and Dissemination of Expert-Developed, Evidence-Based, and AI-Enhanced Digital Mental Health Therapies

Role: PI (Timmons, Ahle, Comer, and Evans-Beauchamp, Multi-PIs)

Total cost: \$4,086,162

### **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 ADHD

Role: Consultant

Total cost: \$663,750

#### NICHD 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 Use

Role: Consultant

Total cost: \$73,654

#### NICHD NRSA F21 to Promote Diversity in Health-Related Research (2019-2021)

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

Role: Secondary Mentor

Total cost: \$79,903

### **Intramural Grants and Fellowships Funded**

#### UT Austin Texas Health Catalyst Award (2024)

Title: A Point-and-Click Digital Therapy Creator Tool

Role: PI

Total cost: \$6,000

#### 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 Symptoms

Role: Mentor

Total cost: \$2,000

#### 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' Program (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' Program (2015)

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

Role: Co-I

Total cost: \$9,750

**JOURNAL PUBLICATIONS**

\_ = undergraduate, post-baccalaureate, doctoral mentee, or doctoral statistical consultee

† = corresponding or senior author

\* = Award-winning or Relative Citation Ratio (RCR) > 80<sup>th</sup> %ile of published articles

**Peer Reviewed Journal Articles Published**

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*, *38*, 453-465. [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. [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). Relationship closeness as a protective factor against the sensitizing effect of adversity history. *Journal of Social and Personal Relationships*, *40*, 3752-3780. [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. [10.1007/s10488-023-01259-w](https://doi.org/10.1007/s10488-023-01259-w). \***RCR = 2.79 (84<sup>th</sup> %ile of published articles)**.
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. [10.1037/emo0001201](https://doi.org/10.1037/emo0001201). \***APA Editor's Choice Award**.
6. \*†**Timmons, A. C.**, Duong, J. B., Simo Fiallo, N., Lee, T., Vo., P. Q., Ahle, M. W., Comer, J. S., & Chaspari, T. (2023). A call-to-action on assessing and mitigating bias in artificial intelligence applications in mental health. *Perspectives on Psychological Science*, *18*, 1062-1096. [10.1177/17456916221134490](https://doi.org/10.1177/17456916221134490). \***RCR = 10.12 (98<sup>th</sup> %ile of published articles)**.
7. Margolin, G., Daspe, M., **Timmons, A. C.**, Comer, 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. [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. [10.1007/s10488-021-01168-w](https://doi.org/10.1007/s10488-021-01168-w). \***RCR = 2.69 (83<sup>rd</sup> %ile of published articles)**.
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. [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. [10.1111/bjc.12286](https://doi.org/10.1111/bjc.12286). \***RCR = 5.06 (93<sup>rd</sup> %ile of published articles)**.
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. [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.  
[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. [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. [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. [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. [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. [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. [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. [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. [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. [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, 1674-1694. [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. [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. [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. [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. [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. [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. [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. [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. [10.1111/cdev.12300](https://doi.org/10.1111/cdev.12300). \*RCR = 3.62 (89<sup>th</sup> %ile of published articles).
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. [10.1037/fam0000115](https://doi.org/10.1037/fam0000115). \*RCR = 6.97 (96<sup>th</sup> %ile of published articles).
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. [10.1037/a0036817](https://doi.org/10.1037/a0036817).

### Journal Articles under Peer Review

1. Jusko, M. L., Smith, J. N., Campezo, M., **Timmons, A. C.**, Morrow, A. S., Lozano, C., Fosco, W. D., Little, K., Villodas, M., & Raiker, J. S. (revise and resubmit). The application of time series analysis to single case designs in the context of an intensive behavioral intervention for ADHD.
2. †**Timmons, A. C.**, Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Romero, D. N., Ahle, M. W., Comer, J. S., & Chaspari, T. (under review). Bridging fair-aware artificial intelligence and co-creation for equitable mental health. **Invited article under Peer Review at Nature Reviews Psychology.**
3. †**Timmons, A. C.**, Tutul, A. A., Avramidis, K., Duong, J. B., Carta, K. E., Walters, S. N., Jumonville, G. A., Carrasco, A. S., Freitag, G. F., Romero, D. N., Ahle, M. W., Comer, J. S., Narayanan, S., & Chaspari, T. (under review). Developing personalized algorithms for sensing mental health symptoms in daily life.
4. †**Timmons, A. C.**, Feng, K., Duong, J. B., Carta, K. E., Walters, S. N., Jumonville, G. A., Carrasco, A. S., Freitag, G. F., Romero, D. N., Margolin, G., Narayanan, S., Comer, J. S., Ahle, M. W., & Chaspari, T. (under review). Biased Bots: An empirical demonstration of how AI bias could compromise mental healthcare.
5. Carta, K. E., Jumonville, G. A., Duong, J. B., Walters, S. N., Carrasco, A. S., Romero, D. N., Chaspari, T., Han, S. C., Kim, Y., Narayanan, S., Margolin, G., & †**Timmons, A. C.** (under review). Effects of emotional spillover and exposure to interparental psychological aggression on momentary physiological linkage during naturalistic couple conflicts.
6. Walters, S. N., Duong, J. B., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Romero, D. N., Ahle, M. W., Chaspari, T., Narayanan, S., Comer, J. S., & †**Timmons, A. C.** (under review). How context shapes parenting's role in mitigating adversity: An examination of multisystemic effects.

### Journal Articles in Preparation

1. Duong, J. B., Simo Fiallo, N., Walters, S. N., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Romero, D. N., Ahle, M. W., Comer, J. S., Frazier, S. L., Chaspari, T., Narayanan, S., & †**Timmons, A. C.** (in preparation). Digital health or digital divide? A mixed methods investigation of sociocultural barriers and facilitators in healthcare technology adoption.
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.

## OTHER PUBLICATIONS

### Peer Reviewed 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. [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. [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. [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*, 343-344. <https://cdn.aaai.org/ocs/12763/12763-56168-1-PB.pdf>
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. [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. Wrutz, & G. Harari. *Mobile Sensing in Psychology: Methods and Applications* (pp. 525-541). New York, NY: Guilford Press. <https://www.guilford.com/books/Mobile-Sensing-in-Psychology>
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. *Smart Data: State-of-the-Art Perspectives in Computing and Applications* (pp. 243-258). Boca Raton, FL: CRC Press, Taylor & Francis Group. [10.1201/9780429507670](https://doi.org/10.1201/9780429507670).

## INVITED TALKS

1. †**Timmons, A. C.** (expected June 2025). Adaptive AI models for personalized interventions through smartphones. *Invited talk at Microsoft, AI Research Innovation Core, Seattle, WA.*
2. †**Timmons, A. C.** (expected April 2025). AI and technology-based micro-experimental intervention for precision mental health. *Invited talk at the Department of Psychology, University of Southern California, Los Angeles, CA.*
3. Huth, A., **Timmons, A. C.**, Watkins, C., & Ekker, S. (March 2025). Health tech with a pulse: Human-centered healthcare innovations at UT Austin. *Invited panel at The Life Sciences and Healthcare Innovation Summit, The University of Texas at Austin, Austin, TX.*
4. †**Timmons, A. C.** (November 2024). An AI-assisted platform for increasing the reach and impact of mental health care. *Invited talk at the Dean's Advisory Council Meeting, The University of Texas at Austin, Austin, TX.*
5. †**Timmons, A. C.** (September 2024). An AI-assisted digital parent coaching intervention for kids and families. *Invited talk at the Ambulatory Assessment for Public Health Research Conference, Delmenhorst, Germany.*

6. †**Timmons, A. C.**, Duong, J. B., Carta, K. E., Walters, S. N., Jumonville, G. A., & Carrasco, A. S. (May 2024). Bias in artificial intelligence research in mental health. *Invited talk at the Association for Psychological Science Conference, San Francisco, CA.*
7. †**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 Conference, College Station, TX.*
8. †**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, Chicago, IL.*
9. †**Timmons, A. C.** (April 2022). Machine learning innovations for the psychological sciences. *Invited talk at the Department of Psychology, University of Virginia, Charlottesville, VA.*
10. †**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.*
11. †**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.*
12. †**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.*
13. †**Timmons, A. C.**, & Ahle, M. W. (May 2018). mHealth: Ambulatory assessment in psychological research. *Invited talk at the Center for Children and Families, Florida International University, Miami, FL.*

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## OTHER PRESENTATIONS

### Conference Symposia and Paper Presentation Talks

1. Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Romero, D. N., Comer, J. S., Ahle, M. W., Chaspari, T., †**Timmons, A.C.** (expected May 2025). Leveraging AI and Just-in-Time-Adaptive Interventions to Improve family mental health using the Colliga App. In Allen, N. (Chair), The future of youth mental health is mobile, digital, wearable, and personalized just-in-time. *Symposium to be presented at the Society for Research in Child Development Conference, Minneapolis, MN.*
2. †**Timmons, A. C.** (November 2024). Building fair-aware frameworks for mental health: Addressing AI bias and ethical Challenges in digital therapeutics. In Chaspari, T. (Chair), Algorithmic fairness in multimodal machine learning for health informatics. *Symposium presented at the IEEE Biomedical & Health Informatics Conference, Houston, TX.*
3. 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.** (June 2024). Deciphering relationship dynamics: A Comprehensive analysis of emotional tone and F0 range impact on conflict occurrence. In Horn, A. (Chair), Relational processes in daily life: New contributions to ambulatory assessment of mood, conflict, and conversation. *Symposium presented at the Society for Ambulatory Assessment Conference, Ann Arbor, MI.*
4. Carta, K. E., Tutul, A. A., Avramidis, K., Narayanan, S., Ahle, M. W., & †**Timmons, A. C.** (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 presented at the American Psychological Science Conference, San Francisco, CA.*



5. 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.*
6. 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.*
7. 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.*
8. 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.*
9. 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.*
10. Zhao, X., Wu, W., **Timmons, A. C.**, & Frazier, S. L. (November 2021). State variation in online information-seeking about ADHD. In †**Timmons, A.C. (Chair)**, & Zhao, X. (Chair), Geographical disparities in mental health information-seeking and service utilization. *Symposium presented at the Association for Behavioral and Cognitive Therapies Virtual Conference.*
11. †**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 †**Timmons, A.C. (Chair)**, & Zhao, X. (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. 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 †**Timmons, A.C. (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. Jusko, M. L., Raiker, J. S., **Timmons, A. C.**, Morrow, A., Lozano, C., Campezo, 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 †**Timmons, A.C. (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.*
14. †**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.*
15. †**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 Fosco, G. (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).

16. 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 Schacter, H. (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).
17. Han, S. C., Schacter, H. L., **Timmons, A. C.**, & Margolin, G. (March 2020). Romantic partner presence and physiological regulation in daily life. In Han, S. C., (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).
18. †**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 Horn, A. (Chair), *Natural language use and social processes. Symposium presented at the Society for Ambulatory Assessment Conference, Syracuse, NY.*
19. †**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 Sun, J. (Chair), *Advances in daily life methods. Symposium presented at the Society for Personality and Social Psychology Conference, Portland, OR.*
20. 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.*
21. †**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 Katz, L. F. (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.*
22. †**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 University of Southern California Big Data and Human Behavior Symposium, Los Angeles, CA.*
23. 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 University of Southern California Big Data and Human Behavior Symposium, Los Angeles, CA.*
24. 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.*
25. †**Timmons, A. C.**, Margolin, G., & Baucom, B. R. (November 2014). Synchrony in romantic partners' electrodermal activity in the home environment. In Baucom, B. R. (Chair), *Ambulatory physiological measurement in couples and families. Symposium presented at the Association for Behavioral and Cognitive Therapies Conference, Philadelphia, PA.*
26. 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.*

27. 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 Baucom, B. R. (Chair), *Ambulatory physiological measurement in couples and families. Symposium presented at the Association for Behavioral and Cognitive Therapies Conference, Philadelphia, PA.*
28. †**Timmons, A. C.**, Chaspari, T., Perrone, L., Feng, T., Narayanan, S., & Margolin, G. (June 2015). Dating aggression and physiological connectedness in everyday life. In Plumb, P. L. K. (Chair), *Dyadic interactions in daily life. Symposium presented at the Society of Ambulatory Assessment Conference, State College, PA.*
29. 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 Ramos, M. C. (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.*
30. †**Timmons, A. C.**, & Margolin, G. (May 2013). Family conflict, negative mood, and adolescents' daily problems in school. *Paper presented at the University of Southern California Leibovitz Conference, Los Angeles, CA.*
31. †**Timmons, A. C.**, & Margolin, G. (April 2013). Family conflict, negative mood, and adolescents' daily problems in school. In Borelli, J. (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.*

### Intramural Department Talks

1. †**Timmons, A. C.** (September 2024). The Technological Interventions for Ecological Systems (TIES) Lab. *Talk, Psychiatry and Psychology Research Forum, The University of Texas at Austin, Austin, TX.*
2. †**Timmons, A. C.** (February 2024). Developing and testing equitable and efficacious AI-enhanced digital mental health interventions. *Talk, Clinical Area Seminar (CARE), The University of Texas at Austin, Austin, TX.*
3. 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.*
4. 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.*
5. 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.*
6. 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.*

### Innovation Showcases and Pitches

1. †**Timmons, A. C.** (March 2025). Colliga: Science-based mental health programs. *Pitch, Discovery to*

*Impact: Life Science Tech Showcase, The University of Texas at Austin, Austin, TX.*

2. †**Timmons, A. C.** (February 2025). Colliga: Empowering scientists to deliver evidence-based, inclusive, and accessible digital tools directly to you. *Pitch, M-Lab Health Innovation Ecosystem Mitsubishi Lunch, The University of Texas at Austin, Austin, TX.*
3. †**Timmons, A. C.** (July 2024). Colliga: A digital therapeutic creation tool. *Pitch, Texas Health Catalyst Roundup and Rodeo, The University of Texas at Austin, Austin, TX.*
4. †**Timmons, A. C.** (September 2021). The Colliga App. *Pitch, Cade Prize for Innovation Fibonacci Finalist (one of 21 nominees selected in the Southwest Region of the US), Cade Muesum for Creativity and Innovation, Gainesville, FL.*
5. †**Timmons, A. C.** (September 2017). Couple Goals. *Pitch, Innovator Showcase, University of Southern California, Los Angeles, CA.*

### **Posters Presentations (from 2022 forward, posters before 2022 available upon request)**

1. Carta, K. E., Walters, S. N., Duong, J. B., Jumonville, G. A., Carrasco, A. S., Romero, D. N., Nguyen, U., Hargrave, C., Pakala, K., Comer, J., Chaspari, T., Ahle, M. W., & Timmons, A. C. (expected May 2025). Stress phenotypes in parenting: Exploring the role of caregiver stress patterns on child mood in daily life using technology. *Poster to be presented at the Society for Ambulatory Assessment Annual Meeting, Leuven, Belgium*
2. Jumonville, G. A., Carta, K. E., Duong, J.B., Walters, S. N., Carrasco, A. S., Romero, D.N., Ahle, M. W., Margolin, G., Han, S. C., & †Timmons, A. C. (expected May 2025). Physiological and health implications of relationship quality and positive behaviors during couple conflict. *Poster to be presented at the Association for Psychological Science Conference, Washington D.C.*
3. Duong, J. B., Javvaji, A., Plaia, J., Diaz, S. E., Walters, S. N., Carta, K.E., Jumonville, G. A., Carrasco, A. S., Romero, D. N., Painter, C., & †Timmons, A. C. (September 2024). Preliminary data— Family dynamics and user engagement in co-designing a mental health app: A content analysis of satisfaction and technical challenges using ChatGPT. *Poster presented at the NIH Diversity Supplement Professional Development and Networking Virtual Workshop.*
4. Diaz, S. E., Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Romero, D., Freitag, G. F., Avramidis, K., Tutul, A. A., Ahle, M. W., Narayanan, S., Comer, J. S., Chaspari, T., & †Timmons, A. C. (August 2024). Parental emotional dysregulation and real-time negative emotion: Exploring the role of child presence. *Poster presented the University of Texas at Austin's Summer Undergraduate Research Experience (SURE) Conference, Austin, TX.*
5. Duong, J. B., Javvaji, A., Plaia, J., Forbes, J., Luevanos, M., Ahmed, Y., Carta, K. E., Walters, S. N., Freitag, G. F., Jumonville, G. A., Carrasco, A. S., Painter, C., Bennet, S., Kehrer, S., Cortina, J., and †Timmons, A. C. (June 2024). Empowering mental well-being: The role of user involvement in shaping therapeutic mobile application features and mental health outcomes. *Poster presented at the Society of Digital Mental Health Virtual Conference.*
6. Carta, K. E., Walters, S. N., Duong, J. B., Carrasco, A. S., Freitag, G., Tutul, A. A., Avramidis, K., Chaspari, T., Narayanan, S., Comer, J. S., †Timmons, A. C. (June 2024). Mobile stress monitoring: Enhancing family well-being through technology. *Poster presented at the Society of Digital Mental Health Virtual Conference.*
7. Carrasco, A. S., Duong, J. B., Carta, K. E., Walters, S. N., Jumonville, G. A., Freitag, G. F., Comer, J. S., Ahle, M. W., †Timmons, A.C. (June 2024). Unraveling parent-child conflict: Using topic modeling to explore Co-occurring themes and their relationship to attachment style. *Poster presented at the Society of Digital Mental Health Virtual Conference.*
8. Carrasco, A. S., Duong, J. B., Walters, S. N., Carta, K. E., Jumonville, G. A., Ahle, M. W., Comer, J. S., & †Timmons, A. C. (May 2024). Inter-partner violence and child affective reactivity: The dynamics of parental emotional awareness and impulse control. *Poster presented at the Association for Psychological Science Conference, San Francisco, CA.*

9. 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. (May 2024). *Deciphering relationship Dynamics: A comprehensive analysis of emotional tone and F0 range impact on conflict occurrence. Poster presented at the Association for Psychological Science Conference, San Francisco, CA.*
10. Economou, N., Walters, S. N., Duong, J. B., Carta, K. E., Jumonville, G. A., Carrasco, A. S., Freitag, G. F., Avramidis, K., Tutul, A.A., Ahle, M. W., Narayanan, S., Comer, J., Chaspari, T., & †Timmons, A. C. (April 2024). Threatening adverse childhood experiences and intergenerational parent-child conflict and diminished relationship quality. *Poster presented at the University of Texas at Austin's Honors Psychology Poster Symposium, Austin, TX.*
11. 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., Arvramidis, 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.*
12. \*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: Unraveling 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.*
13. Carta, K. E., Duong, J. B., Walters, S. N., Benamu, D. I., Jumonville, G. A., Freitag, G. F., Tutul, A. A., Avramidis, 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, WA.*
14. 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.*
15. 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., 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.*
16. 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 Association Conference, Washington, D.C.*
17. 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.*
18. 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.*

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

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## PATENTS

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1. †**Timmons, A. C.**, & Ahle, M. A. (provisional patent filed August 8, 2024). US Serial No. 63/676,875. Systems and methods for an integrated digital platform for personalized mental health interventions (patent pending).
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 (patent pending).
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 (patent pending).

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## SOFTWARE

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1. †**Timmons, A. C.**, & Ahle, M. A. (2025). [The Colliga App](#). Mobile app for end users.
2. †**Timmons, A. C.**, & Ahle, M. A. (2025). [Colliga IO](#). Web app for scientists (free accounts available upon request).
3. †**Timmons, A. C.**, & Ahle, M. A. (2020). The Colliga [Legacy] App. Planned sunset Summer 2025.

## INVENTION AND COPYRIGHT DISCLOSURES AND LICENSES

### Disclosures

1. †**Timmons, A. C.**, [Walters, S. N.](#), [Duong, J. B.](#), [Carta, K. E.](#), [Jumonville, J. A.](#), [Carrasco, A. S.](#), [Romero, D. N.](#) (2024). The TIES Parenting Program (copyright disclosure at The University of Texas at Austin).
2. †**Timmons, A. C.**, & Ahle, M. (2020). A comprehensive platform for building and disseminating digital mental health research and therapies (copyright disclosure at Florida International University).
3. †**Timmons, A. C.**, Chaspari, T., Narayanan, S., & Margolin, G. (2017). A technology-facilitated support system for monitoring and understanding interpersonal relationships (invention disclosure at the University of Southern California).
4. †**Timmons, A. C.**, Chaspari, T., Ahle, M., Narayanan, S., & Margolin, G. (2017). An expert-driven, technology-facilitated intervention system for improving interpersonal relationships (invention disclosure at the University of Southern California).

### Licenses

1. †**Timmons, A. C.**, [Walters, S. N.](#), [Duong, J. B.](#), [Carta, K. E.](#), [Jumonville, J. A.](#), [Carrasco, A. S.](#), [Romero, D. N.](#) (in negotiation). The TIES Parenting Program (non-exclusion license agreement in negotiation with The University of Texas at Austin).
2. †**Timmons, A. C.**, Ahle, M. W. (2020). A comprehensive platform for building and disseminating digital mental health research and therapies (exclusive license agreement executed with Florida International University).
3. †**Timmons, A. C.**, Ahle, M. W. (2019). Using machine learning to detect interpersonal functioning from wearable sensors (exclusive license agreement executed with the University of Southern California).

## FDA REGISTRATIONS

### Class I

1. Colliga Apps Corporation. (2024-present). Colliga. Medication, *Class I medical device 510(k) exempt* (Product Code NXQ, Regulation No. 890.5050, Device Class 1). Establishment Registration ([Registration No. 3019358633](#), [Owner/Operator No. 10081938](#)). US Food and Drug Administration.
2. Colliga Apps Corporation. (2021-2024). Colliga. *Medical device data system, Class I medical device 510(k) exempt* (Product Code OUG, Regulation No. 880.6310, Device Class 1). Establishment Registration ([Registration No. 3019358633](#), [Owner/Operator No. 10081938](#)). US Food and Drug Administration.

### Class II

1. Colliga Apps Corporation. (2024-present). Colliga. *Computerized cognitive assessment aid, Class II medical device 510(k) exempt* (Product Code PTY, Regulation No. 882.1470, Device Class 2). Establishment Registration ([Registration No. 3019358633](#), [Owner/Operator No. 10081938](#)). US Food and Drug Administration.

## DATA REPOSITORIES AND OPEN DATASETS

### Repositories

1. †**Timmons, A. C.**, & Ahle, M. W. (2020). [Colliga Data Repository](#).

### Datasets

1. †**Timmons, A. C.**, Ahle, M. W., Comer, J. S., Narayanan, S., & Chaspari, T. (in progress). [TIES Parenting Program dataset](#). [Colliga Data Repository](#).

2. †Timmons, A. C., Ahle, M. W., Comer, J. S., Narayanan, S., & Chaspari, T. (2022). [Childhood Mobile Data Project dataset](#). *Colliga Data Repository*.
3. †Timmons, A. C., Han, S. C., & Margolin, G. (2022). [Couple Mobile Sensing Project dataset](#). *Colliga Data Repository*.

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## MENTAL HEALTH WELLNESS PROGRAMS AND TOOLS

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### Full Programs

1. †Timmons, A. C., Walters, S. N., Duong, J. B., Carta, K. E., Jumonville, J. A., Carrasco, A. S., Romero, D. N. (2024). [The TIES Parenting Program](#). Colliga App.

### Mini Programs and Tools

1. †Timmons, A. C. (in preparation). [Kindness Within](#). Colliga App.
2. †Timmons, A. C. (in preparation). [A Year of Gratitude](#). Colliga App.
3. †Timmons, A. C. (in preparation). [Sleep Serenity](#). Colliga App.
4. †Timmons, A. C. (in preparation). [Peace with Food](#). Colliga App.
5. †Timmons, A. C. (in preparation). [Couple Goals](#). Colliga App.
6. †Timmons, A. C. (in preparation). [Mind Your Mood](#). Colliga App.
7. †Timmons, A. C. (in preparation). [Habit Hero](#). Colliga App.
8. †Timmons, A. C. (in preparation). [Thought Record](#). Colliga App.
9. †Timmons, A. C. (in preparation). [Daily Journal](#). Colliga App.
10. †Timmons, A. C. (in preparation). [Mood Log](#). Colliga App.

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## MEDIA INTERVIEWS, PRESS MENTIONS, PROFESSIONAL NEWSLETTERS, AND BLOG POSTS

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### Media Interviews and Press Mentions

1. [OpenMind Article](#). (2023). When your psychologist is an AI.
2. [Wired Magazine Article](#). (2022). What happens when an AI knows how you feel?
3. [Discover Article](#). (2021). Can wearable devices save your relationship?
4. [Inverse Article](#). (2020). From cheating to pregnancy reveals, wearables know what you're doing intimately.
5. [The Conversation Article](#). (2020). Isolating together is challenging—and relationship stresses can affect biological functioning.
6. [Wall Street Journal Article](#). (2019). When stress at work creates drama at home.
7. [APA Monitor on Psychology Article](#). (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.
8. [BBC Article](#). (2019). How your voice hides clues about your love life.
9. [TechCrunch Article](#). (2017). Using wearable technology to detect conflict in couples before it occurs.
10. [NBC Article](#). (2017). This mood-recognizing algorithm just might save your relationship.
11. [Fox News Article](#). (2017). AI app knows when couples are fighting, may someday predict (and prevent) conflict.
12. [Digital Trends Article](#). (2017). AI app may predict conflict between couples before it occurs, scientists say.
13. [Daily Mail Article](#). (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.
14. [Refinery29 Article](#). (2017). This device predicts when you're going to fight with your S.O.



15. [USC Viterbi School of Engineering Article](#). (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.
16. [IEEE Computer Interview](#). (2017). Interview with Adela Timmons and Theodora Chaspari on quality-of-life technologies.
17. [Portuguese Magazine Sabado Article](#). (2017). The app that predicts and prevents conflicts in the home.
18. [IEEE Spectrum Article](#). (2017). Algorithm aims to predict bickering among couples: Machine learning uses data from smartphones and wearables to identify signs of relationship conflicts.
19. German Newspaper Frankfurter Allgemeine Sonntagszeitung. (2017). American researchers use machine learning to automatically detect when romantic partners have arguments in real life.
20. German National Public Radio. (2017). App uses machine learning to detect conflict in couples.
21. [Child and Family Blog Article](#). (2016). Exposure to aggression can change biological response of children to conflict.
22. [Reuters Article](#). (2014). Conflicts at home affect teens at school and vice versa.
23. [Yahoo News Article](#). (2014). Conflicts at home affect teens at school and vice versa.

#### Professional Newsletters 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, digital supplement*.
2. 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, 72, 22-24*.

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## TEACHING

### Formal Courses

#### PSY 364C Childhood Trauma and Adversity (recurring Fall semesters)

The University of Texas at Austin

Department of Psychology

Primary Instructor

Cumulative average student rating of instructor: 4.9/5

#### PSY 371P Applied Data Science (recurring Spring semesters)

The University of Texas at Austin

Department of Psychology

Primary Instructor

Cumulative average student rating of instructor: 5.0/5.0

#### PSY 5939 Data Science for the Social Sciences (Spring 2022,2019)

Florida International University

Department of Psychology

Primary Instructor

Cumulative average student rating of instructor: 4.8/5.0

#### PSY 4931 Seminar in Childhood Trauma and Adversity (Fall 2021,2019,2018, Spring 2021)

Florida International University

Department of Psychology

Primary Instructor

Cumulative average student rating of instructor: 4.9/5.0

267465: PSYCH XL 10 Introductory Psychology (Fall 2016, Winter 2017)

University of California, Los Angeles

Extension Program

Primary Instructor

Cumulative average student rating of instructor: 8.9/9.0

PSYC 274 Introduction to Statistics with Lab Section (Spring 2013)

University of Southern California

Department of Psychology

Graduate Teaching Assistant

Cumulative average student rating of instructor: 4.9/5

PSYC 464 Psychology of Marriage and Family (Fall 2012)

University of Southern California

Department of Psychology

Graduate Teaching Assistant (no student evaluations)

**Informal Courses**

PSY 357 Undergraduate Research in Psychology (recurring semesterly)

The University of Texas at Austin

Department of Psychology

Primary Instructor (no student evaluations)

PSY 5918/4916/4940 Undergraduate Research in Psychology (semesterly 2018-2022)

Florida International University

Department of Psychology

Primary Instructor (no student evaluations)

**Workshops Taught and Guest Lectures**

1. †**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, TX.*
2. †**Timmons, A. C.** (March 2019). Technology and machine learning applications for mHealth Research. *Guest Lecture, Developmental Research Methods (graduate course), Department of Psychology, Florida International University, Miami, FL.*
3. †**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, University of Southern California, Los Angeles, CA.*
4. †**Timmons, A. C.** (November 2015). Dating aggression and physiology in romantic partners' everyday lives. *Guest Lecture, Health Psychology (undergraduate course), Department of Psychology, University of Southern California, Los Angeles, CA.*
5. †**Timmons, A. C.** (October 2015). Ambulatory physiological measurement of electrodermal activity in dating couples. *Guest Lecture, Understanding Emotions (undergraduate course), Department of Psychology, University of Southern California, Los Angeles, CA.*
6. †**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, University of Southern California, Los Angeles, CA.*
7. †**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, University of Southern California, Los Angeles, CA.*

8. †**Timmons, A. C.** (November 2013). An introduction to data analysis in Mplus. *Workshop, Graduate Consultation and Computer Center, Department of Psychology, University of Southern California, Los Angeles, CA.*
9. †**Timmons, A. C.** (May 2013). Methods for dealing with missing data. *Workshop, Graduate Consultation and Computer Center, Department of Psychology, University of Southern California, Los Angeles, CA.*
10. †**Timmons, A. C.** (November 2013). Couples' therapy. *Guest Lecture, Psychology of Marriage and Family (undergraduate course), Department of Psychology, University of Southern California, Los Angeles, CA.*
11. †**Timmons, A. C.** (October 2013). Methods for dealing with missing data. *Workshop, Graduate Consultation and Computer Center, Department of Psychology, University of Southern California, Los Angeles, CA.*

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## **MENTORSHIP**

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### Doctoral Students Primary Mentor

Jacqueline Duong (2020-present)  
Kayla Carta (2021-present)  
Sierra Walters (2021-present)  
Grace Jumonville (2024-present)

### Doctoral Students Co-Mentor

Jocelyn Little (2023-present)

### Lab Coordinators

Daniela Romero (2024-present)  
Alyssa Carrasco (2023-present)  
Grace Jumonville (2022-2023)  
Dominique Benamu (2022-2023)  
Natalia Simo Fiallo (2020-2022)

### Honors Theses

Maria Luevanos (2024-present)  
Naomi Economou (2023-2024)  
Lydia Lovelace (2022-2023)  
Avery Hendrick (2022-2023)

### Summer Undergraduate Research Experience Program

Essie Diaz Perdomo (Summer 2024)  
Gabrielle Chioma Orji (Summer 2022)

### Psychology Data Science Internship

Phoebe Wang (Summer 2024)  
Nikhita Ajaykumar (Summer 2023)  
Logan Kronforst (Summer 2023)

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## **PROFESSIONAL SERVICE**

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### National

NIH Grant Panel Reviewer, SBIR/STTR Small Business: Biobehavioral Processes (2024)  
NIH Grant Panel Reviewer, Social Psychology, Personality, and Interpersonal Processes (2023)  
APA Division 12 Digital Mental Health Task Force Member (2019-2022)  
SRCD Conference Symposia Reviewer (2019)  
APA Graduate Students Basic Psychological Research Grant Reviewer (2015,2016)

### Departmental

Clinical Area Seminar (CARE) Coordinator (Spring 2025)

UT Austin Department Colloquium Series Committee (2022-present)  
FIU Clinical Science Program Diversity Statement Committee (2021-2022)  
FIU Clinical Science Program Professional Developmental Committee (2020-2022)  
FIU Clinical Science Program Internship Committee (2019-2020)  
UT Austin Y'ALL Research Conference Poster Reviewer (2023)  
FIU Conference for Undergraduate Research Judge (2019)

Dissertation Committees

Rachel Weisenburger (2025-present)  
Jacqueline Duong (Chair, 2024-present)  
Poheng Chen (2024-present)  
Mackenzie Zisser (2022-2025)  
Annabeth Maden Russek (2023-2024)  
Megan Micheletti (2022-2023)  
Natalie Hong (2020-2021)  
Xin Zhao (2020-2021)

Master's Thesis Committees

Grace Jumonville (Chair 2024-present)  
Kayla Carta (Chair, 2021-2023)  
Sierra Walters (Chair, 2021-2023)  
Jacqueline Duong (Chair, 2020-2022)  
Anna Beth Madden-Rusnak (2021-2022)  
Karissa DiMarzio (2018-2019)  
Chelsea Dale (2018-2019)

Community Service

Willow Domestic Violence Shelter Interim Volunteer Program Director (2009-2010)

Ad Hoc Journal Reviewer

*Nature Partner Journal, Mental Health Research; Psychological Science; Child Development; Journal of Social and Personal Relationships; Development and Psychopathology; Advances in Methods and Practices in Psychological Science; Emotion; Psychoneuroendocrinology; Journal of Family Psychology; Behavior Therapy; Journal of Adolescence; Sensors; Family Process; Behavior; Stress; Journal of Child and Family Studies*

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**CLINICAL SUPERVISION**

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FIU Clinical Science Practicum in Digital Mental Health (2021-2022)

Developed 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

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**CLINICAL TRAINING**

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**UCSF Medical Center Predoctoral Fellowship**

Child Trauma Research Program (2017-2018)

Supervisors: Dr. Alicia Lieberman and 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 (2017-2018)

Supervisor: Dr. Eddie Ong

Provided therapy to hospitalized adults with severe mental illness

Psychiatric Emergency Services (2017-2018)

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**

### Families Overcoming under Stress Clinical Trial (2015-2016)

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 (2015-2016)

Supervisors: Dr. Catherine Mogil and Dr. Patricia Lester

Administered therapy to families and couples exposed to trauma

### Parenting Workshop for Military Families at the Long Beach VA (2015-2016)

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**

### Child, Family, and Couple Therapy Practicum (2012-2013)

Supervisor: Dr. Gayla Margolin

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

### Adult Therapy Practicum (2013-2014)

Supervisors: Dr. Shannon Couture and Dr. Steven Lopez

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

### Child Mental Health School-Based Practicum (2014-2015)

Supervisors: Dr. Barbara Macbeth

Provided evidence-based child and family mental health interventions to students in a school setting

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## **OTHER PROFESSIONAL EXPERIENCE**

UT Austin Texas Health Catalyst Accelerator Program (summer 2024)

Statistical Consultant, FIU Psychology Department and Center for Children and Families (2018-2022)

NSF Innovation Corps Entrepreneurial Training Program (2018)

UCLA-USC NSF Innovation Corps Node Entrepreneurial Training Program (2017)

Statistical Consultant, USC Graduate Consultation and Computer Center (2012-2013)

Statistical Consultant, KU Center for Research Methods and Data Analysis (2010-2011)

Statistic Consultant, KU Summer Institute in Statistics (2010, 2011)

Study Abroad in Paris, France, l'Étoile: Centre de Langue et Vie Françaises (2009)