TEXAS STATE VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. Name: Dr. Logan T. Trujillo, Ph.D. Title: Associate Professor

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
PhD	2007	University of Arizona	Psychology: Cognition and Neural Systems	Electrophysiological Correlates of the Influences of Past Experience on Conscious and Unconscious Figure-Ground Perception
MS	2005	University of Arizona	Physics	Entangled Quantum Systems Meaningfully Encode Information: A Formal Demonstration
MA	2002	University of Arizona	Psychology	Does Neural Synchrony Reflect Conscious Perception?
BS	1999	University of Arizona	Mathematics	N/A
BS	1999	University of Arizona	Psychology	N/A

C. University Experience

Position	University	Dates
Associate Professor	Department of Psychology, Texas State University	August 2020 – Present
Assistant Professor	Department of Psychology, Texas State University	August 2014 – July 2020
Research Associate	Department of Psychology, University of Texas at Austin	August 2011 – August 2014
Research Consultant	Department of Psychology, University of Texas at Austin	August 2008 – August 2018
Postdoctoral Fellow	Department of Psychology, University of Texas at Austin	August 2007 – July 2011

II. TEACHING

A. Teaching Honors and Awards:

Fall 2019 Favorite Professor Recognition, Alpha Chi National College Honor Society

Fall 2019 Graduating Student Recognition of Academic Career Contribution, Texas State University, Retention Management and Planning, Center for Retention

Fall 2016 Graduating Student Recognition of Academic Career Contribution, Texas State University, Retention Management and Planning, Center for Retention

B. Courses Taught:

Summer 2026	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Spring 2026	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2025	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2025	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Summer 2025	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Spring 2025	Instructor, PSY 5381: Introduction to Psychophysiology. Department of Psychology, Texas State University
Spring 2025	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2024	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2024	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2023	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2023	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Summer 2023	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Spring 2023	Instructor, PSY 5381: Introduction to Psychophysiology. Department of Psychology, Texas State University
Spring 2023	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2022	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2022	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University

Summer 2022	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Spring 2022	Instructor, PSY 5381: Introduction to Psychophysiology. Department of Psychology, Texas State University
Spring 2022	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2021	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2021	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Summer 2021	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Spring 2021	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Spring 2021	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2020	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2020	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Spring 2020	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Spring 2020	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Fall 2019	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2019	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Spring 2019	Instructor, PSY 5381: Introduction to Psychophysiology. Department of Psychology, Texas State University
Spring 2019	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University

Fall 2018	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2018	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Spring 2018	Instructor, PSY 5360M: Introduction to Psychophysiology. Department of Psychology, Texas State University
Spring 2018	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Fall 2017	Instructor, PSY 3321: Sensation & Perception. Department of Psychology, Texas State University
Fall 2017	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Spring 2017	Instructor, PSY 5360M: Introduction to Psychophysiology. Department of Psychology, Texas State University
Spring 2017	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Fall 2016	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Fall 2016	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Spring 2016	Instructor, PSY 3314: Psychology of Consciousness. Department of Psychology, Texas State University
Spring 2016	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Fall 2015	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Spring 2015	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Fall 2014	Instructor, PSY 4390P: Human Factors. Department of Psychology, Texas State University
Summer 2013	Instructor, Graduate Workshop: Introduction to MATLAB computing software. Department of Psychology, University of Texas at Austin

Spring 2011	Assistant Instructor, Psychology 394U: Psychophysiology (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2010	Assistant Instructor, Psychology 394U: Psychophysiology (graduate course). Department of Psychology, University of Texas at Austin, Instructors: Dr. David Schnyer, Dr. John Allen (visiting)
Summer 2008	Instructor, Graduate Workshop: Introduction to MATLAB computing software. Department of Psychology, University of Texas at Austin

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Master's Thesis Committee Chair (Indicates Co-Chair Role)*

- Parker, Logan (Spring 2025). The Effects of Mindfulness Meditation on Divided Attention.
- Harel, Melissa (Summer 2024). The Effects of an Acute Bout of Aerobic Exercise on Sustained Attention.
- *Johnson, Annika (Spring 2023). Does Sex Still Sell? How Perception of Sexualized Advertisements Influences Buying Behaviors.
- Danysh, Christopher (Spring 2022). Using Single-Session Meditation Intervention to Test the Attention Schema Theory of Consciousness.
- *Stern, Mark (Summer 2020). Non-Invasive Brain Stimulation and Working Memory.
- Edwards, Dalton (Summer 2020). An Analysis of EEG Spectral Power Between Laboratory and Natural Environments.
- Tuffentsamer, Dakota (Fall 2018). Avoidance Motivation and Cognitive Performance.
- Vela, Ruben (Summer 2017). An Electrophysiological Assessment of Mental Fatigue During LCD Versus E-Ink Reading.

Master's Thesis Committee Member

- Thomson, Austin (In Progress).
- Hamilton, Tayor (In Progress). Machine Learning Analysis of EEG.
- Ross, Jordan (Fall 2025). Instance theory of Automaticity: Reimagining Rehearsal Approaches in CBT for Improved Outcomes.
- Kang, Taehoon (Spring 2025). Comparing mind-wandering measurement using EEG and cognitive tasks.

- Himes, Taylor (Spring 2024). The Co-Regulation of Stress Among Romantically Involved Couples in Virtual Reality.
- Fox, Cheryl (Fall 2022). Contribution of Sleep-Dependent Memory Consolidation to the negative memory bias found in depression.
- Anstead, Nicholas (Summer 2022). Judgements of Learning in the Context of Worked Mathematics Questions in College Students.
- Morin, Yoshua (Summer 2020). Individual Differences in Emotional Reactions to Social Media Posts: The Role of Anger.
- Finch, Whitney Elyse (Spring 2020). Explicit and Implicit Memory for Music: An Investigation of Source Memory, Confidence, and the Mere Exposure Effect.
- Madden-Rusnak, Anna (Spring 2020). The Effect of Sleep on Repetition Priming.
- Wilson, Courtney (Summer 2020). The Effect of Self-Selected Music on Frontal Alpha Asymmetry After Experiencing a Cognitive Stressor.
- Cordivin, Eileen Marin (Summer 2018). The Influence of Attitudes in Gase-Cueing of Attention for Marijuana and Non-Marijuana Targets.
- Mooney, Katherine (Summer 2017). Music as a Memory Enhancer in Healthy, Young Adults: An Event-Related Potential Investigation.
- Reininger, Bryant (Summer 2017). Do Memories for Same- and Other-Race Faces Change After a Consolidation Period?
- Hawkins, Chris (Spring 2016). The Selective Consolidation of Declarative Memories.
- DePalma, Francesco (Spring 2016). Individual Differences in the Attentional Blink to Alcohol Related Cues.

PhD Dissertation Thesis Committee Member

- Griffen, Nicholas (Fall 2019, UT – Austin). The Impact of Depressive Symptoms and Mood State on Memory Distortion.
- Schein, Stevie (Spring 2016, UT – Austin). The Effects of Exposure to Attractive and Unattractive Infant Faces on Self-Reported and Psychophysiological Affect.

Honors College Students

- Olivarez, Gabriela M. (Spring 2022). Honor's Credit by Contract. Course: PSY 3321 Sensation and Perception.

- Garcia, Amanda (Spring 2021). Honor's Credit by Contract. Course: PSY 3314 Psychology of Consciousness.
- Garza, Nicolle (Fall 2018). Honor's Credit by Contract. Course: PSY 3314 Psychology of Consciousness.

Independent Study (Undergraduate and Graduate Students)

- Beers, Alorah (Spring 2026). Undergraduate Student.
- Blais, Ryan (Spring 2025). Undergraduate Student via Texas State University IDEA Center.
- Kang, Taehoon (Spring 2025). Graduate Student.
- Shermer, Alia (Spring 2025). Undergraduate Student.
- Morin, Yoshua (Fall 2021). Graduate Student.
- Parker, Logan (Spring 2021). Undergraduate Student.
- Wilson, Courtney (Spring 2020). Graduate Student.
- Jackson, Timothy (Spring 2017). Undergraduate Student.
- Whillock, Brian (Spring 2017). Undergraduate Student.
- Nassar, Bassel (Fall 2016). Undergraduate Student.
- Aadain, John (Summer 2016). Undergraduate Student.
- Candice Stanfield (Spring 2016). Graduate Student.
- Reininger, Bryant (Spring 2016). Graduate Student.

Research Assistant Supervision (Undergraduate and Graduate Students)

- Johnson, Hannah (Fall 2022). Undergraduate Volunteer RA.
- Corbett, Justice (Fall 2021). Undergraduate Volunteer RA.
- Brooks, Carlshea (Spring/Summer/Fall 2018). Undergraduate Volunteer RA.
- Fereidooni, Fatemeh (Summer 2017). Graduate Volunteer RA.

D. Courses Prepared and Curriculum Development:

Course No.	*Course Title*	*Institution*
PSY 3314	Psychology of Consciousness	Texas State University
PSY 3321	Sensation & Perception	Texas State University
PSY 4390P	Human Factors	Texas State University
PSY 5281	Introduction to Psychophysiology	Texas State University

F. Other:

Guest Lectures

Fall 2023	Guest lecturer, Psychology 5362: Cognitive Neuroscience (graduate course). Department of Psychology, Texas State University, Instructor: Dr. Carmen Westerberg
Fall 2021	Guest lecturer, Psychology 5362: Cognitive Neuroscience (graduate course). Department of Psychology, Texas State University, Instructor: Dr. Carmen Westerberg
Fall 2020	Guest lecturer, Psychology 5362: Cognitive Neuroscience (graduate course). Department of Psychology, Texas State University, Instructor: Dr. Carmen Westerberg
Spring 2017	Guest lecturer, Psychology 387R: Principles of Cognitive Neuroscience (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Fall 2016	Guest lecturer, Psychology 5360I: Cognitive Neuroscience (graduate course). Department of Psychology, Texas State University, Instructor: Dr. Carmen Westerberg
Fall 2015	Guest lecturer, Psychology 5360I: Cognitive Neuroscience (graduate course). Department of Psychology, Texas State University, Instructor: Dr. Carmen Westerberg
Spring 2015	Guest lecturer, Psychology 387R: Principles of Cognitive Neuroscience (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Fall 2014	Guest lecturer, Psychology 5360I: Cognitive Neuroscience (graduate course). Department of Psychology, Texas State University, Instructor: Dr. Carmen Westerberg
Spring 2014	Guest lecturer, Psychology 387R: Principles of Cognitive Neuroscience (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Fall 2013	Teaching Assistant, Psychology 341K: Human Neuroimaging. Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer

Spring 2013	Guest lecturer, Psychology 387R: Foundations of Cognition (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2013	Guest lecturer, Psychology 394P: Foundations of Neuroimaging (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Ress
Fall 2012	Teaching Assistant, Psychology 341K: Human Neuroimaging. Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2012	Guest lecturer, Psychology 387R: Foundations of Cognition (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2012	Guest lecturer, Psychology 394P: Foundations of Neuroimaging (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Ress
Spring 2012	Guest lecturer, Psychology 394U: Advanced Topics in Neuroimaging: Modeling Brain Connectivity (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. Russell Poldrack
Fall 2011	Teaching Assistant, Psychology 341K: Human Neuroimaging. Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2011	Guest lecturer, Psychology 394P: Foundations of Neuroimaging (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Ress
Fall 2010	Teaching Assistant, Psychology 341K: Human Neuroimaging. Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2010	Guest lecturer, Psychology 394P: Foundations of Neuroimaging (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Ress
Fall 2009	Teaching Assistant, Psychology 341K: Human Neuroimaging. Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2009	Guest lecturer, Psychology 394P: Foundations of Neuroimaging (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Ress

Fall 2008	Teaching Assistant, Psychology 341K: Human Neuroimaging. Department of Psychology, University of Texas at Austin, Instructor: Dr. David Schnyer
Spring 2008	Guest lecturer, Psychology 394P: Foundations of Neuroimaging (graduate course). Department of Psychology, University of Texas at Austin, Instructor: Dr. David Ress
Spring 2007	Teaching Assistant, Psychology 444A: Computational Cognitive Neuroscience. Department of Psychology, University of Arizona, Instructor: Dr. Michael Frank
Summer 2003	Graduate student co-mentor (with Faculty mentor Dr. John Allen) for University of Arizona Graduate College Summer Research Institute diversity program
Summer 2003	Teaching Assistant, Psychology 230: Psychological Measurement and Statistics. Department of Psychology, University of Arizona, Instructor: Dawn Hines
Summer 2002	Teaching Assistant, Psychology 297: Introductory Laboratory in Psychology. Department of Psychology, University of Arizona, Instructor: Michael Johns
Summer 2001	Teaching Assistant, Psychology 290: Psychological Research Methods. Department of Psychology, University of Arizona, Instructor: Jim Coan.

G. Teaching Professional Development Activities Attended

2024	Online Workshop, " Successfully Supervising Master's Students". Texas State University Professional Development Program, San Marcos, TX, USA, (March 28).
2024	Online Workshop, " Providing Effective Feedback on Graduate Student Writing". Texas State University Professional Development Program, San Marcos, TX, USA, (February 22).
2024	Online Workshop, " What's In Your Wallet? Teaching Tips That Pay Off for You and Your Students," Texas State University Professional Development Program, San Marcos, TX, USA, (January 30).
2020	Online Workshop, "Synchronous Distance Teaching and Learning". Texas State University Office of Distance and Extended Learning, San Marcos, TX, United States. (August 21).
2020	Online Course, "Teaching Online @ TxState," Texas State University Office of Distance and Extended Learning, San Marcos, TX, United States. (August 6).

2018 Workshop, "Scholarly Communication Workshop Series: Finding & Using Images in your Papers, Publications, & Presentations," Texas State University Library, San Marcos, TX, United States. (December 5).

2016 Workshop, "Curriculum for Consciousness Studies," The Science of Consciousness Conference, Tucson, AZ, United States.

III. SCHOLARLY/CREATIVE

A. Works in Print (***** Indicates Texas State Student Co-Author)

1. Books (if not refereed, please indicate)

d. Non-Refereed Chapters in Books:

2019 **Trujillo, L.T.** Computational Approaches to Human Performance in Moderate and Extreme Settings. In M.D. Matthews & D.M. Schnyer (Eds.) *Human Performance Optimization: The Science and Ethics of Enhancing Human Capabilities* (pp. 90 – 124). Oxford, England: Oxford University Press.

2010 Rocklage, M., Maddox, W.T., **Trujillo, L.T.,** Schnyer, D.M. Individual differences to sleep deprivation vulnerability and the neural connection with task strategy, metacognition, visual spatial attention, and white matter differences. In S. Kornguth, R. Steinberg, & M.D. Matthews (Eds). *Neurocognitive and physiological factors during high-temp operations* (pp. 75 – 92). Burlington, VT: Ashgate Publishing.

2004 Allen, J.J.B., **Trujillo, L. T.**, Dikman, Z.V. Assessing moderators and mediators of error monitoring. In M. Ullsperger and M. Falkenstein (Eds.) *Errors, Conflict, and the Brain. Current Opinions on Performance Monitoring* (pp.164 – 171). Leipzig: MPI of Cognitive Neuroscience.

2. Articles

a. Refereed Journal Articles:

2026 **Trujillo, L. T**. The relationship between the functional integration and topological complexity of human electroencephalographic (EEG) signals: Three moderating factors. *Brain Sciences. 16*, Article 796; https://doi.org/10.3390/brainsci11030330. (Journal 2025 Impact Factor: 3.4; 5-Year IF: 3.6).

2025 Morley, R. H., *Nguyen, C., & **Trujillo, L. T**. The intersectionality of self-esteem, low self-control, and self-compassion among prisoners, *Psychological Studies, 70(2)*, 209 – 219. https://doi.org/10.1007/s12646-025-00826-5

2023 Morley, R. M., Bowman, S. W., Fulton, C.L., **Trujillo, L. T**. Exploring the intersection of mindfulness, race-related threat perception failure, and the use of deadly force. *Journal of Police and Criminal Psychology, 39, 64 – 74.* https://doi.org/10.1007/s11896-023-09612-3

2023 Morley, R. M., Jantz, P. B., Fulton, C.L., **Trujillo, L. T**. Objective self-awareness theory and violence: A brain network perspective. *Neuroscience and Behavioral Physiology, 53, 636 – 653.* https://doi.org/10.1007/s11055-023-01421-9. (Journal 2022 Impact Factor: 3.746).

2023 **Trujillo, L. T.**, Anderson, E. A. Facial attractiveness and typicality reflect an ideal dimension of face structure. *Cognitive Psychology, 140,* Article 101541. https://doi.org/10.1016/j.cogpsych.2022.101541. (Journal 2022 Impact Factor: 3.746).

2021 *Edward, D. J., **Trujillo, L. T**. An analysis of the external validity of EEG spectral power in an uncontrolled outdoor environment during default and complex neurocognitive states. *Brain Sciences. 11(3)*, Article 330; https://doi.org/ 10.3390/brainsci11030330. **[*co-first authors:** These authors have contributed equally to this manuscript (as indicated in manuscript author contribution section)**].** (Journal 2021 Impact Factor: 3.394).

2021 Morley, R. M., Bowman, S. W., Fulton, C.L., Roche, S. P., Jantz, P. B, **Trujillo, L.T**. Mindfulness, self-control, implicit bias, race, threat perception failure, and the accidental use of deadly force against off-duty officers. *Journal of Police and Criminal Psychology. 36(1)*, 86 – 95. https://doi.org/10.1007/s11896-019-09352-3

2019 **Trujillo, L.T**. Mental effort and information-processing costs are inversely-related to global brain free energy during visual categorization. *Frontiers in Neuroscience, 13,* Article 1291. doi: 10.3389/fnins.2019.01292 (Journal 2018 Impact Factor: 3.648).

2019 **Trujillo, L.T.** K-th nearest neighbor (KNN) entropy estimates of complexity and integration from ongoing and stimulus-evoked electro-encephalographic (EEG) recordings of the human brain. *Entropy, 21,* Article 61. doi:10.3390/e21010061. (Journal 2018 Impact Factor: 2.627).

2017 Dainer-Best, J., **Trujillo, L.T.**, Schnyer, D. M., Beevers, C.G. Sustained attentional engagement is associated with increased negative self-referent decision-making in major depressive disorder. *Biological Psychology, 129,* 231 – 241. (Journal 2017 Impact Factor: 2.305).

2017 **Trujillo, L.T.**, *Stanfield, C.T., *Vela, R.D. The effect of electroencephalogram (EEG) reference choice on information-theoretic measures of the complexity and integration of EEG signals. *Frontiers in Neuroscience, 11,* Article 425. doi: 10.3389/fnins.2017.00425. (Journal 2018 Impact Factor: 3.648).

2016 Sanguinetti, J.L.†, **Trujillo, L.T.** †, Schnyer, D.M., Allen, J.J.B., Peterson, M.A. Increased alpha band activity indexes inhibitory competition across a border during figure assignment. *Vision Research, 126,* 120–130. **[†co-first authors:** These authors have contributed equally to this manuscript (as indicated in manuscript acknowledgement section)**].** (Journal 2018 Impact Factor: 2.178).

2015 Goldwater, M.B., Markman, A.B., **Trujillo, L.T.**, Schnyer, D.M. Licensing novel role-governed categories: An ERP analysis. *Frontiers in Human Neuroscience, 9*, Article 633. (Journal 2018 Impact Factor: 2.870).

2015 Witkowski, S. †, **Trujillo, L.T.** †, Sherman, S.M., Carter, P., Matthews, M.D., Schnyer, D.M. An examination of the association between chronic sleep restriction and electrocortical arousal in college students. *Clinical Neurophysiology, 126,* 549 –557. **[†co-first authors:** These authors have contributed equally to this manuscript (as indicated on author byline)**].** (Journal 2017 Impact Factor: 3.614).

2014 **Trujillo, L.T.**, Jankowitsch, J.M., Langlois, J.H. Beauty is in the ease of the beholding: A neurophysiological test of the averageness theory of facial attractiveness. *Cognitive Affective and Behavioral Neuroscience, 14* 1062–1076. (Journal 2018 Impact Factor: 2.661).

2014 Vanderlind, W.M., Beevers, C.G., Sherman, S.M., **Trujillo, L.T.**, McGeary, J.E., Matthews, M.D., Maddox, W.T., Schnyer, D.M. Sleep and sadness: Exploring the relation among sleep, cognitive control and depressive symptoms in young adults. *Sleep Medicine 15*, 144–149. (Journal 2018 Impact Factor: 3.360).

2013 Kornguth, S., Steinberg, R., Schnyer, D., **Trujillo, L.T.** Integrating the human into the total system: Degradation of performance under stress. *Naval Engineer's Journal, 125,* 85–90.

2011 **Trujillo, L.T.**, Schnyer, D.M. Neurobehavioral correlates of the rapid formation of the symbolic control of visuospatial attention. *Psychophysiology, 48*, 1227–1241. (Journal 2018 Impact Factor: 3.378).

2010 **Trujillo, L.T.**, Allen, J.J.B., Schnyer, D.M., Peterson, M.A. Neurophysiological evidence for the influence of past experience on figure-ground perception. *Journal of Vision, 10 (2),* Article 5. (Journal 2018 Impact Factor: 2.089).

2009 **Trujillo, L.T.**, Kornguth, S., Schnyer, D.M. An ERP examination of the differential effects of sleep deprivation on exogenously cued and endogenously cued attention. *Sleep, 32*, 1285–1297. (Journal 2018 Impact Factor: 4.571).

2007 **Trujillo, L.T.**, Allen, J.J.B. Theta EEG dynamics of the error-related negativity. *Clinical Neurophysiology, 118*, 645–668. (Journal 2017 Impact Factor: 3.614).

2005 **Trujillo, L.T.**, Peterson, M.A., Kaszniak, A.W., Allen, J.B. EEG phase synchrony differences across visual perception conditions may depend on recording and analysis methods. *Clinical Neurophysiology, 116*, 172–189. (Journal 2017 Impact Factor: 3.614).

b. Non-refereed Articles:

2021 **Trujillo, L.T.**† Editorial introduction: What kind of brain activity is sufficient for consciousness? Symposium on the Hidden Spring: A Journey to the Source of Consciousness. *Journal of Consciousness Studies, 28 (11-12)*, 148 – 152. **[**†Invited Editorial]. (Journal 2011 Impact Factor: 0.78).

2017 Schein, S. S., **Trujillo, L. T.** †, Langlois, J. H. Attractiveness bias: A cognitive explanation. *Behavioral and Brain Sciences. 40,* 37 – 38 doi:10.1017/S0140525X16000340 **[**†Invited Commentary]. (Journal 2018 Impact Factor: 17.194).

2016 **Trujillo, L.T.** † All roads lead to consciousness. Conference report: The Science of Consciousness, Tucson 2016. *Journal of Consciousness Studies, 23 (9-10)*, 225 – 249. **[**†Invited Review]. (Journal 2011 Impact Factor: 0.78).

2009 **Trujillo, L. T.**, Schnyer, D.M. Effects of sleep deprivation on attention. *Frontiers in Neuroscience, 3,* 455. (Journal 2018 Impact Factor: 3.648).

2003 **Trujillo, L.T.** † Are verbal reports all we will ever have in a science of consciousness? *Bulletin fra Forum for Antropologisk Psykologi, 13*, 60 – 65. **[**†Invited Commentary].

4. Abstracts:

2026 Westerberg, C.E., **Trujillo, L.T.**, Florczak, S.M., & Paller, K.A. Superior sleep in highly superior autobiographical memory. *Sleep, 49*, A40.

2018 **Trujillo, L.T.**, Anderson, E., Langlois, J.H., Visual perception of facial attractiveness and typicality reflects an ideal dimension of face category structure. *Journal of Vision, 18*, 1335.

2014 Sanguinetti, J.L., **Trujillo, L.T.**, Schnyer, D.M., Allen, J.J.B., Peterson, M.A. Increased alpha band activity indexes inhibitory competition across a border during figure assignment. *Journal of Vision, 14*, 49.

2005 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. Electrophysiological evidence for early access to object memories during figure assignment in humans. *Journal of Vision, 5*, 910.

2000 **Trujillo, L. T.** Temporal synchronization: a possible mechanism for the binding together of the conscious self. *Consciousness and Cognition, 9* (2), 36.

B. Works not in Print

1. Papers Presented at Professional Meetings:

2026 Westerberg, C.E., **Trujillo, L.T.**, Florczak, S.M., & Paller, K.A. *Superior sleep in highly superior autobiographical memory.* Poster presentation at the Annual Meeting of the Associated Professional Sleep Societies, LLC, Baltimore, MD, June 14–17.

2026 **Trujillo, L.T.** *Computational modeling of the perceived facial typicality and attractiveness of distinct face populations.* Poster presentation at the 26th Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA, May 15 – 19.

2026 Morley, R.M., **Trujillo, L.T.**, Metsis, V., & Goffnet, J.M., Florczak, S.M., & Paller, K.A. *Exploring the impact of mindfulness and gamma waves on alcohol use during and after gender affirming and non-affirming language among Transgender People within a virtual environment.* Poster presentation at the Health Scholar Showcase, Translational Health Research Center, Texas State University, San Marcos, TX, April 10.

2026 Westerberg, C.E., **Trujillo, L.T.**, Sweet, T., Thompson, D., Florczak, S.M., & Paller, K.A. *Superior sleep-dependent memory consolidation in highly superior autobiographical memory.* Poster presentation at the Health Scholar Showcase, Translational Health Research Center, Texas State University, San Marcos, TX, April 10.

2024 **Trujillo, L.T.**, Morley, R.H., *On developing a methodological framework for neurophenomenal structuralist approaches to the neural correlates of consciousness.* Oral presentation at The Science of Consciousness 2024, Tucson, AZ, USA, April 22–27.

2024 Morley, R.H., **Trujillo, L.T.** *Exploring the relationship between mindful consciousness states, unconscious race-related biases, and unjustified deadly force.* Oral presentation at The Science of Consciousness 2024, Tucson, AZ, USA, April 22–27.

2023 **Trujillo, L.T.** *How are faces mentally represented? Evidence for an ideal representation format.* Oral presentation at ARMADILLO Conference 2023 Texas State University, San Marcos, TX, USA, October 6–7.

2022 Morley, R.H., **Trujillo, L.T.** *Violence, Aggression, Mindfulness, and the Brain.* Oral presentation at The Science of Consciousness 2022, Tucson, AZ, USA, April 18–22.

2021 Fox, C., Florczak, S.M., **Trujillo, L.T.**, Stark, C.EL., Paller, K.A., Westerberg, C.E. *Superior sleep physiology in highly superior autobiographical memory.* Oral presentation at Dallas and Austin Area Memory Meeting (DAAMM) 2021, TX, USA, September 3.

2021 Morley, R., **Trujillo, L.T.**, Fulton, C. Bowman, S., Jantz, P. *Exploring the Relationship Between Mindful Consciousness States, Unconscious Race-Related Biases, and Unjustified Deadly Force.* Poster presentation at Health Scholar Showcase: Health & Resilience in the Heart of Texas, Texas State University's Translational Health Research Center, San Marcos, TX, USA, April 12–16.

2020 **Trujillo, L.T.**, Morley, R.H. *Objective Self-awareness and Predictive Coding: A Useful Theoretical Framework for Understanding the Role of Consciousness in Violent Behavior.* Oral presentation at The Science of Consciousness 2020 Reboot Online, Tucson, AZ, USA, September 14–18.

2020 Morley, R.H., & **Trujillo, L.T.** *Exploring the Relationship Between Mindful Consciousness States, Unconscious Race-related Biases and Unjustified Deadly Force.* Poster presentation at The Science of Consciousness 2020 Reboot Online, Tucson, AZ, USA, September 14–18.

2018 **Trujillo, L.T.** *Active inference and global brain free energy minimization during visual categorization in humans.* Poster presentation at Neuroscience 2018 (Society for Neuroscience), San Diego, California, USA, November 3 – 7.

2018 **Trujillo, L.T.**, Anderson, E.M., Langlois, J.H. *The perception of facial attractiveness reflects an ideal dimension of face category structure.* Poster presentation at the 18th Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA, May 18 – 23.

2018 **Trujillo, L.T.** *Testing the Interface Theory of Perception: A preliminary study of the formation of fitness-based conscious perceptual interfaces.* Oral presentation at The Science of Consciousness 2018, Tucson, AZ, USA, April 2–7.

2016 **Trujillo, L.T.** *Modeling the brain via conscious realism: a preliminary investigation.* Oral presentation at The Science of Consciousness 2016, Tucson, AZ, USA, April 25–30.

2014 Sanguinetti, J.L., **Trujillo, L.T.**, Schnyer, D.M., Allen, J.J.B., Peterson, M.A. *Increased alpha band activity indexes inhibitory competiton across a border during figure assignment.* Poster presentation at the 13th Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA. May 16 – 21.

2013 Witkowski, S., **Trujillo, L.T.**, Alvarez-Keesee, Vanderlind, M., Carter, P., Schnyer, D.M. *Chronic sleep restriction affects behavioral and ERP correlates of psychomotor vigilance.* Poster presentation at the 27th Annual Meeting of the American academy of Sleep Medicine, Baltimore, Maryland, USA. June 1 – 4.

2012 **Trujillo, L.T.**, Poldrack, R., Schnyer, D. *What is the functional meaning of the N200 event-related potential (ERP) evoked during the stop signal task (SST)?* Poster presentation at the 42nd Annual Meeting of the Society for Neuroscience, New Orleans, LA, USA, October 13 – 17.

2011 **Trujillo, L.T.**, Schnyer, D.M. *A time-frequency investigation of the neural mechanism underlying sleep deprivation-related changes in the attention-sensitive N1 and P3 visual event-related potentials.* Oral presentation at the 41st Annual Meeting of the Society for Neuroscience, Washington, DC, USA, November 12 – 16.

2011 **Trujillo, L.T.**, Jankowitsch, J.M., Principe, C., Langlois, J.H. *The P2 ERP component distinguishes among attractive, averaged, and unattractive faces.* Poster presentation at the 18th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, USA, April 2 – 5.

2010 **Trujillo, L.T.**, Dickey, L.E., Carter, P.A., Schnyer, D.M. *Electrophysiological and cognitive correlates of long-term chronic sleep restriction in college students.* Poster presentation at the 40th Annual Meeting of the Society for Neuroscience, San Diego, CA, USA, October 13 – 17.

2009 **Trujillo, L.T.**, Schnyer, D.M. *Visuospatial shifts of attention can be guided by newly learned symbols: an event-related potential study.* Poster presentation at the 39th Annual Meeting of the Society for Neuroscience, Chicago, IL, USA, November 12 – 16.

2009 **Trujillo, L.T.**, Tenison, C.S., Dailey, N.S., Schnyer, D.M. *An ERP examination of the differential effects of sleep deprivation on endogenously cued & exogenously cued attention.* Poster presentation at the 16th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, USA, March 21 – 24.

2008 **Trujillo, L.T.**, Schnyer, D.M. *An event-related potential examination of exogenous and endogenous cueing in the attentional network task.* Oral presentation at the 38th annual Meeting of the Society for Neuroscience, Washington, DC, USA, October 13 – 17.

2007 Schnyer, D.M., Zeithamova, D., Saggar, M. Williams, V., **Trujillo, L.T.**, Kornguth S. *The neural basis of compromised executive control: An fMRI examination of vigilance, assessment and decision making under conditions of sleep deprivation.* Oral presentation at the 1st Annual Sustaining Performance Under Stress Symposium, Austin, TX, USA, December 4 – 6.

2007 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. *The N170 ERP component reflects conscious perception of familiar shape.* Poster presentation at the 11th Annual Meeting of the Association for the Scientific Study of Consciousness, Las Vegas, NV, USA, June 22 – 25.

2006 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. *ERP components index unconscious versus conscious perception of familiar shape with figure-ground reversal.* Oral presentation at the 6th Annual Meeting of the Vision Sciences Society, Sarasota, Florida, USA, May 5 – 10.

2005 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. *Human ERP correlates of cross-edge competition during figure assignment.* Poster presentation at the 35th annual Meeting of the Society for Neuroscience, Washington, DC, USA, November 12 – 16.

2005 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. *Electrophysiological evidence for early access to object memories during figure assignment in humans.* Oral presentation at the 5th Annual Meeting of the Vision Sciences Society, Sarasota, Florida, USA, May 6 – 11.

2004 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. *P100 and N170 ERP components reflect differences among upright, inverted, and scrambled mooney faces.* Poster presentation at the 34th Annual Meeting of the Society for Neuroscience, San Diego, CA, USA, October 13 – 17.

2004 **Trujillo, L.T.** *Arguments for the possibility of direct measurements of consciousness.* Poster presentation at Tucson 2004: Towards A Science of Consciousness, Tucson, AZ, USA, April 7 – 11.

2003 **Trujillo, L.T.**, Dikman, Z.V., Allen, J.J.B. *The activating effect of errors in high and low socialized students.* Poster presentation at the 43rd Annual Meeting of the Society for Psychophysiological Research, Chicago, IL, USA, October 29 – November 2.

2003 Allen, J.J.B., **Trujillo, L.T.**, Dikman, Z.V. *The activating effect of errors: a time-frequency examination.* Oral presentation at Errors, Conflicts, and the Brain: Current Opinions on Performance Monitoring, Dortmund, Germany, July 3 – 5.

2003 **Trujillo, L.T.** *Do entangled systems share information non-locally? A key question for understanding the nonextended nature of qualia.* Oral presentation at Quantum Mind 2003, Tucson, AZ, USA, March 15 – 19.

2002 **Trujillo, L.T.** *Does neural synchrony reflect conscious perception?* Oral presentation at Tucson 2002: Towards A Science of Consciousness, Tucson, AZ, USA, April 8 – 12.

2000 **Trujillo, L.T.** *Temporal synchronization: a possible mechanism for the binding together of the conscious self.* Oral presentation at the 4th Annual Meeting of the Association for the Scientific Study of Consciousness: The Unity of Consciousness: Binding, Integration, and Dissociation, Brussels, Belgium, June 29 – July 2.

2000 **Trujillo, L.T.** *The information-energy duality: across the qualitative divide.* Poster presentation at Tucson 2000: Towards A Science of Consciousness, Tucson, AZ, USA, April 8 – 15.

2000 Schnyer, D.M., Kaszniak, A.W., Allen, J.J.B., **Trujillo, L.T.** *Attentional changes in long-term meditators: a cognitive neuroscience perspective.* Oral presentation at Tucson 2000: Towards A Science of Consciousness, Tucson, AZ, USA, April 8 – 15.

1999 **Trujillo, L.T.** *A quantum mechanical argument for the decoupling of information and energy: implications for a theory of qualitative experience*. Oral presentation at Quantum Approaches to Consciousness, Flagstaff, AZ, USA, July 28 – August 1.

1999 Schnyer, D.M., Kaszniak, A.W., Allen, J.J.B., **Trujillo, L.T.** *Assessing attentional changes in long-term mindfulness meditators using a cued attentional task and event-related potentials.* Poster presentation at the 3rd Annual Meeting of the Association for the Scientific Study of Consciousness: Consciousness & Self: Neural, Cognitive, and Philosophical Issues, London, Ontario, Canada, June 4 – 7.

1998 **Trujillo, L. T.**, Reminger, S., Kaszniak, A.W. *The effect of mindfulness meditation on emotional response: a preliminary investigation.* Poster presentation at Tucson III: Towards a Science of Consciousness, Tucson, AZ, USA, April 27 – May 2.

2. Invited Talks, Lectures, Presentations:

2024 **Trujillo, L.T.** *How are faces mentally represented? Evidence for an ideal representation format.* "MaryFest 2024" Workshop, Department of Psychology & Cognitive Science Program, University of Arizona, Tucson, AZ, USA, April 20.

2022 **Trujillo, L.T.** *Introduction to Consciousness Studies.* Philosophy Dialogue, Department of Philosophy, Texas State University, September 26.

2022 **Trujillo, L.T.** *Investigating the Dynamic Organization of the Brain.* Psychology Research Brown Bag Talk (Data Blitz), Department of Psychology, Texas State University, September 9.

2022 **Trujillo, L.T.** *Exploring the Relationship Between the Criticality and Dynamic Organization of the Human Brain.* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, March 4.

2020 **Trujillo, L.T.** *Quantifying the Complexity and Integration of Electroencephalographic (EEG) Recordings of the Human Brain*. Behavioral Neuroscience Seminar, Department of Psychology, University of Texas at Austin, March 11.

2019 **Trujillo, L.T.** *The Role of Neuroscience in Psychology: Implications for STEM-Focused Psychology Education.* Faculty-Staff Development Day Seminar, San Antonio College October 25.

2019 **Trujillo, L.T.** *Testing the Free Energy Principle for the Brain During Visual Categorization in Humans.* Cognitive Science Colloquium, Cognitive Science Program, University of Arizona, April 12.

2019 **Trujillo, L.T.** *Testing the Free Energy Principle for the Brain During Visual Categorization in Humans.* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, March 29.

2017 **Trujillo, L.T.** *On the Relationship Between Facial Attractiveness & Facial Prototypicality.* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, September 15.

2016 **Trujillo, L.T.** *Source Localization of Human Electroencephalographic (EEG) & Event-Related Potential (ERP) Signals.* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, October 7.

2015 **Trujillo, L.T.** *An Introduction to Human Electroencephalography (EEG) & Event-Related Potentials (ERPs).* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, September 25.

2015 **Trujillo, L.T.** *Beauty is in the brain of the beholder: A neurophysiological test of the cognitive averaging theory of facial attractiveness.* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, February 27.

2014 **Trujillo, L.T.** *A Proposed Application of Neural Complexity Measures to Electroencephalographic Assessment of Mental Workload.* Psychology Research Brown Bag Talk, Department of Psychology, Texas State University, November 21.

2013 **Trujillo, L.T.** *Beauty is in the brain of the beholder: A neurophysiological test of the cognitive averaging theory of facial attractiveness.* Cognition & Perception Area Talk, Department of Psychology, University of Texas at Austin, February 15.

2011 **Trujillo, L.T.** *Neurobehavioral Correlates of the Rapid Formation of Symbolic Visuospatial Control of Attention.* Cognition & Perception Area Talk, Department of Psychology, University of Texas at Austin, March 4.

2009 **Trujillo, L.T.**, Tenison, C.S., Dailey, N.S., Schnyer, D.M. (2009, February). *Electrophysiological correlates of the differential effects of sleep deprivation on selective visual attention.* The 2nd Annual Sustaining Performance Under Stress Symposium, Adelphi, MD, USA, February 24 – 26 (Talk Date: February 26).

2008 **Trujillo, L.T.** *An Introduction to ERP Studies of Attention.* Cognition & Perception Area Talk, Department of Psychology, University of Texas at Austin, October 10.

2007 **Trujillo, L.T.**, Peterson, M.A., Allen, J.J.B. *ERP evidence for access to object memories during figure-ground perception.* The 47th Annual Meeting of the Society for Psychophysiological Research, Savannah, GA, USA, October 17 – 21 (Talk Date: October 18th).

3. Consultancies:

2008 – 2018 Academic, Department of Psychology, University of Texas at Austin, Austin, TX, States.

5. Other Works not in Print (* Indicates Texas State Student Co-Author)

a. Works "submitted" or "under review":

Submitted **Trujillo, L.T.**, *Kang, T., *Shermer, A., *Beers, A., Morley, R.H. *An Exploratory Investigation into the EEG Characteristics of the Visual Awareness Negativity.* Abstract submitted to The Science of Consciousness 2026, San Diego, CA, USA, October 11–16.

Submitted Morley, R.H., **Trujillo, L.T.** *The impact of trait mindfulness, mindful self-compassion on electrophysiological activity and dysphoria among transgender individuals.* Abstract submitted to The Science of Consciousness 2026, San Diego, CA, USA, October 11–16.

Submitted *Hamilton, T.., **Trujillo, L.T.** *Machine learning classification suggests a greater effect of DMT-harmine on the temporal dynamics versus functional connectivity of the brain.* Abstract submitted to The Society for Neuroscience 2026, Washington, D.C., USA, November 14–18.

b. Works “in progress”:

In Preparation **Trujillo, L.T.**, Integration and complexity of periodic and chaotic EEG signals.

In Preparation **Trujillo, L.T.**, Schein, S., Anderson, E.A. Varieties of mental representation underlying the other race effect.

In Preparation **Trujillo, L.T.**, Modeling the brain via conscious realism: a preliminary investigation.

In Preparation **Trujillo, L.T.**, Testing the Interface Theory of Perception: A preliminary study of the formation of fitness-based conscious perceptual interfaces.

c. Other Works Not in Print:

2025 Blais, R., **Trujillo, L.T.**. *Cross-Race Effects of Typicality and Attractiveness.* Honors College Undergraduate Research Conference Spring 2025 Poster Showcase, Texas State University, April 23.

C. Grants and Contracts

1. Funded External Grants and Contracts:

2020 Trujillo, Logan Thomas (Role: Key Personnel). Percent Contribution: 10%. Does Superior Sleep Physiology Contribute to Superior Memory Function? Implications for Counteracting Forgetting. McKnight Foundation Grant. Private, $300,000.00. PI: Carmen Westerberg. (Funded: January 1, 2020 – December 31, 2022).

2. Submitted, but not Funded, External Grants and Contracts:

2023 Trujillo, Logan Thomas (Role: Co-PI). Percent Contribution: 25%. Stress, Mindfulness, Bias, the Large-Scale Brain Networks, and the Decision to Use Deadly Force (Resubmission). National Institute of Justice. Federal, $894,902.00. PI: Richard H. Morley. (Submitted: June 2023).

2022 Trujillo, Logan Thomas (Role: Co-PI). Percent Contribution: 50%. Stress, Mindfulness, Bias, the Large-Scale Brain Networks, and the Decision to Use Deadly Force. National Institute of Justice. Federal, $811,327.00. PI: Richard H. Morley. (Submitted: July 2022).

2021 Trujillo, Logan Thomas (Role: Consultant). Percent Contribution: 10%. SCH: Psychophysical Biosignal Analysis to Advance Virtual Reality Exposure Therapy for Social Avoidance in Combat Veterans. National Science Foundation. Federal, $1,037,675.00. PI: Vangelis Metsis. (Submitted: February 2021).

2021 Trujillo, Logan Thomas (Role: Co-PI). Percent Contribution: 50%. Exploring the Intersection of Mindfulness, Stress, Large-Scale Brain Networks, Threat Perception Failure, and the Decision to use Deadly Force. National Institute of Justice. Federal, $588,618.00. PI: Richard H. Morley. (Submitted: March 2021).

2020 Trujillo, Logan Thomas (Role: Consultant). Percent Contribution: 15%. Mindfulness, Stress, Large-Scale Brain Networks, Bias, Threat Perception Failure, and the Decision to Use Deadly Force using Virtual Reality. Mind & Life Institute. Private, $200,000.00. PI: Richard H. Morley. (Submitted: March 3, 2020).

2020 Trujillo, Logan Thomas (Role: Consultant). Percent Contribution: 15%. Mindfulness, Stress, Brain Networks, Racial Bias, and Firearm Related Violence. National Collaborative on Gun Violence Research (NCGVR). Private, $300,000.00. PI: Richard H. Morley. (Submitted: February 2020).

2019 Trujillo, Logan Thomas (Role: Consultant). Percent Contribution: 15%. Correlation of TBI Assessment/ Diagnostic Devices with Diagnosis and Outcomes. Department of the Army – USAMRAA: Military Medical Research and Development Grant. Federal, $748,485.00. PI: Steve Steffensen. (Submitted: September 4, 2019).

2019 Trujillo, Logan Thomas (Role: Co-I). Percent Contribution: 15%. Attentional Mechanisms in Misophonia: A Multimodal Interdisciplinarity Investigation, REAM Foundation, Private, $370,170.00. PI: Amitai Abramovitch (Submitted: April 10, 2019).

2018 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. Investigating the Relationship Between Mental Effort and Brain Free Energy During Visual Categorization, National Science Foundation, Federal, $274,354.00. (Submitted: August 13, 2018).

2018 Trujillo, Logan Thomas (Role: Consultant). Percent Contribution: 12%. Eyewitness Research in the 21st Century: An Examination of Eyewitness Memory, Accuracy, and Physiological Responses in Immersive Environments, National Institute of Justice, Federal, $394,139.00. PI: Angela Jones. (Submitted: May 1, 2018).

2017 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. The Role of Neural Free Energy Minimization in Category Learning and Perception, National Science Foundation, Federal, $613,853.00. (Submitted: July 21, 2017).

3. Funded Internal Grants and Contracts:

2022 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. Brain Electrical Measurements in Naturalistic and Virtual Environments. Texas State University Materials Application Research Center (MARC). State, $6020.00 (Funded: September 20, 2022 – September 19, 2023).

2022 Trujillo, Logan Thomas (Role: PI). Mobile Electroencephalographic (EEG) Measurements of Stress in a Virtual Reality (VR) Environment. Texas State University Department of Psychology Faculty Research Support Program. State, $500.00. (Funded: September 23 – August 31, 2022).

2021 Trujillo, Logan Thomas (Role: Co-PI). Percent Contribution: 10%. Exploring Psychophysiological and Impulsive Health-Related Behaviors During and After Gender Affirming and Non-Affirming Language Among Transgender People Within a Virtual Reality Environment, Texas State Multidisciplinary Internal Research Grant Program (MIRG), State, $28,110.00. (Funded: January 30, 2021 – August 31, 2024).

2020 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. A Pilot Study of the Interaction Between Perception, Recognition, and Operant Conditioning. State University Department of Psychology Faculty Research Support Program. State, $1050.00. (Funded: September 1, 2020 – August 31, 2021).

2017 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. The Role of Prototypicality in the Perception of Own and Other Race Faces Texas State University Department of Psychology Faculty Research Support Program. State, $675. (Funded: September 5, 2017 – August 31, 2018).

2017 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. Measuring Free Human Neurocognitive Interaction With Real-World Environments. Texas State University Research Enhancement Program. State, $8000. (Funded: January 1, 2017 – May 31, 2018).

2016 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. The Role of Prototypicality in the Perception of Own and Other Race Faces Texas State University Department of Psychology Faculty Research Support Program. State, $1350. (Funded: October 14, 2016 – August 31, 2017).

2000 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. University of Arizona Graduate and Professional Student Travel Grant. State, $500. (Funded: June 1, 2000 – August 31, 2000).

4. Submitted, but not Funded Internal Grants and Contracts:

2021 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. Testing the Interface Theory of Perception. Texas State University Research Enhancement Program. State, $8000. (Submitted: October 13, 2021).

2020 Trujillo, Logan Thomas (Role: PI). Percent Contribution: 100%. Testing the Interface Theory of Perception. Texas State University Research Enhancement Program. State, $8000. (Submitted: October 13, 2020).

2019 Trujillo, Logan Thomas (Role: Co-PI). Percent Contribution: 10%. Exploring the Intersection of Mindfulness, Stress, Large-Scale Brain Networks, Bias, Threat Perception Failure, and the Decision to Use Deadly Force Using Virtual Reality, Texas State Multidisciplinary Internal Research Grant Program (MIRG), State, $28,872.00. (Submitted: June 1, 2019).

D. Scholarly/Creative Fellowships, Awards, Honors:

2010 Texas Consortium in Behavioral Neuroscience Diversity Training Program NIH Grant Post-Doctoral Fellowship, University of Texas at Austin

2006 American Psychological Association Dissertation Research Award, University of Arizona

2005 University of Arizona Center for Collaborative Bioresearch (BIO5) Graduate Research Award, University of Arizona

2005 USA Funds Access to Education Scholarship, University of Arizona

2004 University of Arizona Institute of Biomedical Science and Biotechnology (IBSB) Graduate Fellowship, University of Arizona

2004	Ford Foundation Dissertation Fellowship (declined due to prior acceptance of IBSB fellowship), University of Arizona
2002	University of Arizona Centennial Graduate Achievement Award, University of Arizona
2002	Best Student Paper – Tucson 2002: Towards a Science of Consciousness Conference, University of Arizona
2000	Jacob K. Javits Graduate Fellowship (4-year award), University of Arizona
2000	NSF Graduate Fellowship (declined due to prior acceptance of Javits fellowship), University of Arizona
2000	Ford Foundation Graduate Fellowship (declined due to prior acceptance of Javits fellowship), University of Arizona
1999	University of Arizona Graduate College Incoming Fellowship, University of Arizona

E. Scholarly/Creative Professional Development Activities Attended:

2025	Workshop, "CADS High-Performance Computing (HPC) Workshop," Texas State University Center for Analytics and Data Science, San Marcos, TX, United States. (May 12 – May 16).
2018	Workshop, "Scholarly Communication Workshop Series: Author's Rights, Copyright, & Plagiarism," Texas State University Library, San Marcos, TX, United States. (December 10).
2017	Institute, "University of Texas at Austin Summer Statistics Institute," University of Texas at Austin Department of Statistics and Data Sciences, Austin, TX, United States. (May 22 - May 25).
2016	Workshop, "Hot Topics in Cognitive Neuroscience," The Science of Consciousness Conference, Tucson, AZ, United States. (April 26).

F. Media Recognition

2023	Personal Interview, "MARC Instrumentation Grants fuel expanded research across TXST". Texas State – Newsroom, https://news.txst.edu/research-and-innovation/2023/marc-instrumentation-grant.html (Accessed 1/17/2024).

2023	Personal Interview, "Study sheds light on the fundamental mechanism underlying judgments of facial attractiveness". Psy Post Website, https://www.psypost.org/2023/03/study-sheds-light-on-the-fundamental-mechanism-underlying-judgments-of-facial-attractiveness-69448 (Accessed 1/17/2024).
2018	Personal Interview, "Texas State University Dataverse Provides a Venue to Store and Share Research Data". Engaging Research – Texas State University Office of Research and Sponsored Programs Newsletter.

IV. SERVICE

A. Institutional

1. University:

2023 – Present	Internal Review Board, Texas State University
2024 – 2025	Academic Computing Committee, Provost Appointee, Texas State University
2020 – 2024	Academic Computing Committee, Liberal Arts Representative, Texas State University
2018	Graduate Marshal, Texas State University Spring Commencement
2017	Undergraduate Marshal, Texas State University Summer Commencement
2016 – 2020	Faculty Sponsor, Texas State University Anime Undergraduate Club
2015	Undergraduate Marshal, Texas State University Summer Commencement
1999 – 2004	Moderator/organizer for the University of Arizona Center for Consciousness Studies Discussion Forum

2. College:

2018	Participant, Texas State University College of Liberal Arts Innovation Day

3. Department/School:

2025 – 2026	Texas State University Psychology Faculty Review Committee
2025 – 2026	Texas State University Psychology Research Enhancement Program (REP) Representative

2024 – 2026	Texas State University Psychology Department Student Awards and Scholarships Committee (Chair)
2024 – 2025	Texas State University Psychology Graduate Committee
2023 – 2024	Texas State University Psychology Applied Psychology Job Search Committee (Chair)
2023 – 2024	Texas State University Psychology Department Curriculum Committee
2023 – 2024	Texas State University Psychology Undergraduate Program Committee
2021 – 2022	Texas State University Psychology Undergraduate Program Committee
2021 – 2022	Texas State University Psychology Mentoring Program Committee
2021 – 2022	Texas State University Psychology Student Awards & Scholarship Committee
2021 – 2023	Texas State University Psychology Colloquium & Brownbag Committee
2020 – 2026	Texas State University Psychology Personnel Committee
2020 – 2023	Texas State University Psychology Graduate Committee
2020 – 2021	Texas State University Psychology Faculty Review Committee
2019 – 2020	Texas State University Psychology Graduate Committee
2019 – 2020	Texas State University Psychology Open Area Faculty Search Committee
2018	Participant, Texas State University Psychology Living Learning Community Meeting
2018 – 2019	Texas State University Psychology Graduate Committee
2018 – 2019	Texas State University Psychology Colloquium Committee
2017 – 2018	Texas State University Psychology Graduate Committee
2016 – 2017	Texas State University Psychology Clinical Psychology Faculty Position Search Committee
2015 – 2016	Texas State University Psychology Developmental Psychology Position Search Committee
2014 – 2015	Texas State University Psychology Undergraduate Curriculum Committee

B. Professional:

Ad Hoc Grant Reviewer:

2024 National Science Foundation, AccelNet Program, Ad Hoc Journal Reviewer:

2013 Natural Sciences and Engineering Research Council of Canada (NSERC)

2010 National Science Foundation, Division of Behavioral and Cognitive Sciences Ad Hoc Journal Reviewer:

Ad Hoc Journal Reviewer:

2026 Scientific Reports

2026 Personality and Individual Differences

2026 Information

2026 Frontiers in Integrative Neuroscience

2024 Royal Society Open Science

2024 Journal of Mathematical Psychology

2024 Frontiers in Neuroinformatics

2023 Bioengineering

2022 – 2024 Frontiers in Neural Circuits

2023 Frontiers in Neurology

2023 Frontiers in Psychology

2022 Frontiers in Neuroergonomics

2021 Actuators

2021 – 2022 Experimental Aging Research

2021 Machine Learning and Knowledge Extraction

2021 International Journal of Environmental Research and Public Health

2020 – 2026 Entropy

2020 – 2023 Frontiers in Neuroscience

2020	Journal of Neuroscience Methods
2020 – 2026	Neuroimage: Clinical
2020 – 2024	Sensors
2019 – 2021	Applied Sciences
2019 – 2026	Brain Sciences
2019	Electronics
2019	Sci
2018 – 2019	Neuroimage
2018	Sleep
2016 – 2022	Journal of Experimental Psychology: Learning, Memory, and Cognition
2016	Cognitive, Affective, and Behavioral Neuroscience
2015 – 2023	Neurological Research
2014 – 2017	Brain and Behavior
2014 – 2026	Experimental Brain Research
2014 – 2023	Journal of Consciousness Studies
2014 – 2016	Social Cognitive and Affective Neuroscience
2012 – 2016	Journal of Experimental Psychology: Human Perception and Performance
2015	Frontiers in Psychology – Cognition
2014 – 2015	Behavioral Brain Research
2007 – 2022	Journal of Cognitive Neuroscience
2006 – 2020	Clinical Neurophysiology
2015 – 2020	Brain and Cognition
2012	Experimental Psychology
2012	Physiology & Behavior
2011	Developmental Neuropsychology

2011 Frontiers in Human Neuroscience

2010 Behavioral Neuroscience

2010 European Journal of Neuroscience

2010 Journal of Experimental Social Psychology

2009 Behavioral and Brain Functions

2009 Journal of Neuroscience Methods

2006 Biological Psychology

2006 Psychological Science

Ad Hoc Textbook Reviewer:

2018 Cambridge University Press

Conference Chair

2024 The Science of Consciousness, April 22 – 27, Tucson, AZ, USA

2022 The Science of Consciousness, April 18 – 22, Tucson, AZ, USA

2020 The Science of Consciousness, September 14 – 18, Tucson, AZ, USA

2018 The Science of Consciousness, April 2 – 7, Tucson, AZ, USA

External Tenure Reviewer

2020 Department of Psychology, Loyola University, New Orleans, Louisiana, USA

2016 Department of Psychology, Pacific University, Forest Grove, Oregon, USA

Journal Editor

2025 – Present Associate Editor, Journal of Consciousness Studies

2022 – 2025 Review Editor, Frontiers in Neuroscience: Brain Imaging Methods Section.

2021 Guest Editor, Journal Symposium, Journal of Consciousness Studies

C. Community:

Spring 2015 Fieldtrip host for Austin ACE Academy Private School for Gifted Students. (Contact Person: Carolyn Frances, Head of High School and Math Teacher).

D. Organization Memberships

2017 – Present Vision Sciences Society

2009 – 2017 Cognitive Neuroscience Society

2015 – Present Human Factors and Ergonomics Society

2004 – Present Society for Neuroscience

2003 – Present Society for Psychophysiological Research

1998 – Present Society for Scientific Exploration