

# Jenna N. Pablo

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## EDUCATION

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2021-Present	University of Nevada, Reno	PhD Candidate Cognitive and Brain Sciences Advisor: Marian E. Berryhill, PhD
2019-2021	California State University, Stanislaus	M.A., <i>With Distinction</i> General Psychology Advisor: Gary Williams, PhD
2015-2019	California State University, Stanislaus	B.A., <i>Summa cum laude</i> Psychology, Minor in Sociology <a href="#">J. Burton Vasché Awardee</a>

## RESEARCH EXPERIENCE

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2021-Present	University of Nevada, Reno	Memory and Brain Laboratory Graduate Research Assistant PI: Marian E. Berryhill, PhD
2018-2021	California State University, Stanislaus	Bio-Social Lab Research Assistant PI: Victor X. Luevano, PhD
2018-2020	California State University, Stanislaus	Psi Chi Research Group Research Assistant PI: Gary Williams, PhD

## PUBLICATIONS

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- Pablo, J. N.**,\* Kemmelmeier, L. L.\*, Arciniega, H., Shires, J., Torrens, W. A., Berryhill, M. E., & Haigh, S. M. (2025). Intact auditory N100 and mismatch negativity in undergraduates with a history of mild traumatic brain injury. (Revise & Resubmit). [10.22541/au.175971798.86492420/v1](https://doi.org/10.22541/au.175971798.86492420/v1) (Preprint). \**Equal co-authors.*
- Haigh, S. M., Torrens, W. A., **Pablo, J. N.**, Kemmelmeier, L. L., & Berryhill, M. E. (2025). Individual differences in susceptibility to color induced visual discomfort. (Submitted for review).
- Shires, J., Rakhshan, M., **Pablo, J. N.**, Soltani, A., & Berryhill, M. E. (2025). Working memory can be impervious to value-based attentional bias and trial reward value. (Submitted for review).
- Torrens, W. A., **Pablo, J. N.**, Berryhill, M. E., & Haigh, S. M. (2025) Perturbed sensory memory associated with schizotypy symptom load. *Schizophrenia Research*. <https://doi.org/10.1016/j.schres.2025.12.001>
- Pablo, J. N.**, Shires, J., Castellanos, J., Kapila, M., Kemmelmeier, L. L., & Berryhill, M. E. (2025). Changed Detection: No relationship between working memory and media

- usage in Covid era and contemporary young adults. *Attention, Perception, & Psychophysics*. <https://doi.org/10.3758/s13414-025-03063-0>
- Pablo, J. N.**, Shires, J., Torrens, W. A., Kemmelmeier, L. L., Haigh, S. M., & Berryhill, M. E. (2025). Identifying overlapping and distinctive traits in subclinical Autism and Schizophrenia using machine learning classification. *Cognitive Neuropsychiatry*. <https://doi.org/10.1080/13546805.2025.2464728>
- Torrens, W. A., **Pablo, J. N.**, Berryhill, M. E., & Haigh, S. M. (2024). Pattern glare sensitivity distinguishes subclinical autism and schizotypy. *Cognitive Neuropsychiatry*. <https://doi.org/10.1080/13546805.2024.2335103>
- Torrens, W. A., \* **Pablo, J. N.**,\* Shires, J., Haigh, S. M., & Berryhill, M. E. (2023). People with high schizotypy experience more illusions in the Pattern Glare Test: Consistent with the hyperexcitability hypothesis. *European Journal of Neuroscience*, 1-12. <https://doi.org/10.1111/ejn.15886> \**Equal co-authors.*
- Luevano, V. X., **Pablo, J. N.**, Velazquez, M. L., Chance, B., & Ramirez, B. (2021). Attachment as a predictor of attraction to humor styles. *Personality and Individual Differences*, 173. <https://doi.org/10.1016/j.paid.2021.110634>

## **PUBLISHED ABSTRACTS**

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- Torrens, W. A., **Pablo, J. N.**, Berryhill, M. E., & Haigh, S. M. (2025). 514. Impaired auditory deviance detection in disorganized schizotypy. *Biological Psychiatry*, 97(9). <https://doi.org/10.1016/j.biopsych.2025.02.753>
- Torrens, W. A., **Pablo, J. N.**, Ruiz, M., Yankaway, R. Berryhill, M. E., & Haigh, S. M. (2024). 429. Evidence for abnormal cortical excitability across sensory modalities in high schizotypy. *Biological Psychiatry*, 95(10). <https://doi.org/10.1016/j.biopsych.2024.02.928>
- Pablo, J. N.**, Torrens, W. A., Shires, J., Haigh, S. M., & Berryhill, M. E. (2023). 232. Pursuit of a reliable working memory biomarker characterizing the high-schizotypy population. *Biological Psychiatry*, 93(9). <https://doi.org/10.1016/j.biopsych.2023.02.472>
- Torrens, W. A., **Pablo, J. N.**, Shires, J., Berryhill, M. E., & Haigh, S. M. (2023). 330. Auditory deviance detection in schizotypy. *Biological Psychiatry*, 93(9). <https://doi.org/10.1016/j.biopsych.2023.02.570>

## **CONFERENCE PRESENTATIONS - POSTERS**

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- Pablo, J. N.**, Thoksakakis, A., Caron, A., Berryhill, M. E., & Ester, E. F. (2026). Testing the causal role of traveling waves in short-term memory with tDCS. *Cognitive Neuroscience Society, Vancouver, BC, Canada*.
- Zuniga, E., **Pablo, J. N.**, Ester, E. F., & Berryhill, M. E. (2025). The role of traveling waves in visual working memory and motor response preparation. *Wolf Pack Discoveries, University of Nevada, Reno*.
- Pablo, J. N.**, Kemmelmeier, L. L., & Berryhill, M. E. (2025). The cost of retrieval task uncertainty in working memory. *Object Perception, visual Attention, and visual Memory, Denver, CO*.
- Berryhill, M. E., **Pablo, J. N.**, Kemmelmeier, L. L., Torrens, W. A., & Haigh, S. M. (2025). Barking up the wrong tree: Visual, not auditory, sensitivity differences in high schizotypy. *Society for Neuroscience, San Diego, CA*.

- Pablo, J. N.,** Oster, B., & Berryhill, M. E. (2025). Stability of working memory related theta synchrony over time. *Cognitive Neuroscience Society, Boston, MA.*
- Kemmelmeier, L. L., **Pablo, J. N.,** & Berryhill, M. E. (2025). Working memory under retrieval uncertainty. *Cognitive Neuroscience Society, Boston, MA.*
- Torrens, W. A., **Pablo, J. N.,** Berryhill, M. E., & Haigh, S. M. (2025). Impaired auditory deviance detection in disorganized schizotypy. *Society of Biological Psychiatry, Toronto, Canada.*
- Pablo, J. N.,** Veliz, P. T., & Berryhill, M. E. (2024). Examining the impact of pediatric concussion and impulsivity on adolescent executive functioning using the ABCD Study. *Object Perception, visual Attention, and visual Memory, New York City, NY.*
- Berryhill, M. E., **Pablo, J. N.,** & Kemmelmeier, L. L. (2024). Post-pandemic changes in long-term and working memory behavior. *Society for Neuroscience, Chicago, IL.*
- Torrens, W. A., **Pablo, J. N.,** Ruiz, M., Yankaway, R. Berryhill, M. E., & Haigh, S. M. (2024). Evidence for abnormal cortical excitability across sensory modalities in High Schizotypy. *Society of Biological Psychiatry, Austin, TX.*
- Pablo, J. N.,** Torrens, W. A., Shires, J., Haigh, S. M., & Berryhill, M. E. (2024). Working memory deficit in high schizotypy: ERP but no power differences. *Cognitive Neuroscience Society, Toronto, Canada.*
- Kemmelmeier, L. L., **Pablo, J. N.,** Shires, J., Arciniega, H., Torrens, W. A., Haigh, S. M., & Berryhill, M. E. (2024). Reduced mismatch negativity in college students with a history of mTBI. *Cognitive Neuroscience Society, Toronto, Canada.*
- Shires, J., **Pablo, J. N.,** Stein, B., Desrochers, T. M., & Berryhill, M. E. (2024). Abstract and concrete sequences rely on separable working memory resources. *Cognitive Neuroscience Society, Toronto, Canada.*
- Berryhill, M. E., Shires, J., **Pablo, J. N.,** & Desrochers, T. M. (2023). Working memory and Abstract cognitive task sequences rely on separable resources. *Society for Neuroscience, Washington, D.C.*
- Pablo, J. N.,** Torrens, W. A., Shires, J., Haigh, S. M., & Berryhill, M. E. (2023). Pursuit of a reliable working memory biomarker characterizing the high-schizotypy population. *NIH Diversity Supplement Workshop, Virtual.*
- Kemmelmeier, L. L., **Pablo, J. N.,** Shires, J., & Berryhill, M. E. (2023). Normal memory performance in high schizotypy. *Wolf Pack Discoveries, University of Nevada, Reno.*
- Pablo, J. N.,** Torrens, W. A., Shires, J., Haigh, S. M., & Berryhill, M. E. (2023). Pursuit of a reliable working memory biomarker characterizing the high-schizotypy population. *Society of Biological Psychiatry, San Diego, CA.*
- Shires, J., **Pablo, J. N.,** Torrens, W. A., Kemmelmeier, L. L., Haigh, S. M., & Berryhill, M. E. (2023). Classifying schizotypy trait load using Autism-Spectrum Quotient scores. *Society of Biological Psychiatry, San Diego, CA.*
- Torrens, W. A., **Pablo, J. N.,** Shires, J., Berryhill, M. E., & Haigh, S. M. (2023). Auditory deviance detection in Schizotypy. *Society of Biological Psychiatry, San Diego, CA.*
- Pablo, J. N.,** Oster, B., Shires, J., & Berryhill, M. E. (2023). Working memory improvement due to changed connectivity metrics during maintenance. *Cognitive Neuroscience Society, San Francisco, CA.*
- Berryhill, M. E., **Pablo, J. N.,** Shires, J., Torrens, W. A., & Haigh, S. M. (2023). High schizotypy participants exhibit a reduced working memory induced P300. *Cognitive Neuroscience Society, San Francisco, CA.*

- Oster, B., **Pablo, J. N.**, Shires, J., & Berryhill, M. E. (2022). Is theta power stable over time? *Society for Neuroscience, San Diego, CA.*
- Torrens, W. A., **Pablo, J. N.**, Berryhill, M. E., & Haigh, S. M. (2022). Behavioral measures of cortical hyper-excitability in subclinical Autism (ASD) and Schizotypy. *Society for Neuroscience, San Diego, CA.*
- Oster, B., **Pablo, J. N.**, & Berryhill, M. E. (2022). Is theta power stable over time? *Wolf Pack Discoveries, University of Nevada, Reno.*
- Pablo, J. N.**, Torrens, W. A., Berryhill, M. E., & Haigh, S. M. (2022). Disorganization symptomatology in schizotypy predicts cortical hyper-excitability. *Society of Biological Psychiatry, New Orleans, LA.*
- Pablo, J. N.**, Rojas, D., Torres, E., Villagomez, M., & Williams, G. A. (2020). The relationships between cardiovascular activity, yoga, and weightlifting and dependent stress. *Western Psychological Association, San Francisco, CA.*
- Luevano, V. X., **Pablo, J. N.**, Chance, B., Ramirez, B., & Velazquez, M. L. (2020). Attachment as a predictor of attraction to humor styles. *Western Psychological Association, San Francisco, CA.*
- Jonson, E., **Pablo, J. N.**, Correa, C., Denney, C. M., & Williams, G. A. (2019). The relationship between depression, anxiety, and stress and attention to emotional stimuli. *Western Psychological Association, Pasadena, CA.*
- Merkling, K., **Pablo, J. N.**, Chance, B., Sous, S., Velazquez, E., & Luevano, V. X. (2019). Stress and heart rate variability as predictors of negative attentional bias. *Western Psychological Association, Pasadena, CA.*
- Pablo, J. N.**, Garcia, A. M., & Zimmermann, P. (2018). Influence of semantic associates and delayed recall on false memory. *Undergraduate Psychology Research Symposium at CSU Stanislaus, Turlock, CA.*
- Pablo, J. N.**, Rivera, G., Lee, G., & Dahlgren, S. (2017). Effects of priming on prosocial behaviors. *Undergraduate Psychology Research Symposium at CSU Stanislaus, Turlock, CA.*

## MANUSCRIPTS - IN PREPARATION

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- Pablo, J. N.**, Torrens, W. A., Haigh, S. M., & Berryhill, M. E. Working memory deficit in high schizotypy but no ERP differences.
- Pablo, J. N.**, Oster, B., & Berryhill, M. E. Instability of individualized theta frequency peaks over time.
- Pablo, J. N.**, Veliz, P. T., & Berryhill, M. E. Impact of pediatric concussion and impulsivity on adolescent executive functioning using the ABCD Study.

## TEACHING EXPERIENCE (F=fall, S=spring, Su=summer)

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<i>Instructor of Record</i>		
Su-2025	University of Nevada, Reno	General Psychology
<i>Teaching Assistantships</i>		
F-2022, S-2026	University of Nevada, Reno	Foundations of Cognitive Psych
F-2025	University of Nevada, Reno	Honors: General Psychology
S/F-2025	University of Nevada, Reno	Human Memory (x2)
F-2024	University of Nevada, Reno	Experimental Psychology

S-2022, 2023, 2024, 2025	University of Nevada, Reno	Cognitive Neuroscience (x4)
F-2023	University of Nevada, Reno	Human Neuropsychology
F-2021	University of Nevada, Reno	Physiological Psychology
F-2020	CSU Stanislaus	Cognitive Neuroscience
S-2020	CSU Stanislaus	Experimental Psychology
		Research Seminar
S/F-2019	CSU Stanislaus	Intro to Perception (x2)
F-2018, 2019	CSU Stanislaus	Intro to Physiological Psych (x2)

### **ACADEMIC AWARDS and HONORS**

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2026	University of Nevada, Reno	Nevada Undergraduate Research Award Mentor \$500
2025	University of Nevada, Reno	GSA Travel Award \$500
2025	University of Nevada, Reno	Outstanding Graduate Student Scholarship \$750
2025	Cognitive Neuroscience Society	Student Hotel Discount Award
2024	University of Nevada, Reno	Louie & Hazel Gardella Psych Scholarship \$300
2024	OPAM Conference	OPAM Professional Development Award \$200
2024	University of Nevada, Reno	GSA Travel Award \$500
2024-2026	Society for Neuroscience	SfN's Neuroscience Scholars Program (NSP) Associate
2024-2025	University of Nevada, Reno	Jerry & Betty Wilson Psych Scholarship \$4,000
2024	University of Nevada, Reno	GSA Travel Award \$750
2023	University of Nevada, Reno	Robert L. Solso Award for Outstanding Scientific Achievement \$1,000
2023	University of Nevada, Reno	Nevada INBRE Data Science Core for Biomedical Research – R Bootcamp \$180
2023	University of Nevada, Reno	Nevada INBRE– Machine Learning Bootcamp \$200
2023	University of Nevada, Reno	GSA Travel Award \$500
2022	National Institute of Mental Health	Research Supplement to Promote Diversity in Health-Related Research \$17,681
2022	University of Nevada, Reno	GSA Travel Award \$500
2021	CSU Stanislaus	Dean's Award of Excellence
2020	CSU Stanislaus	SERSCA Mini Grant \$500
2020	Western Psychological Association	Psi Chi Regional Research Award \$400
2020-2021	CSU Stanislaus	Tri-Alpha Honor Society
2019	CSU Stanislaus	SERSCA Travel Grant \$1,200

2019	CSU Stanislaus	J. Burton Vasché Award
2019	CSU Stanislaus	SERSCA Mini Grant \$300
2019	CSU Stanislaus	SERSCA Travel Grant \$1,000
2018-2021	CSU Stanislaus	Phi Kappa Phi
2017-2021	CSU Stanislaus	Psi Chi

## INVITED PRESENTATIONS

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2026	Boston University, VA Boston Healthcare System	Working Memory from a Basic and Translational Perspective
2025	Nevada ENDURE Program	Introduction to Data Visualization
2024	University of Nevada, Reno	Research Aids Demo
2023	University of Nevada, Reno	The neural mechanisms of working memory improvement
2022	University of Nebraska, Lincoln	Pursuit of reliable biomarkers characterizing the high-schizotypy population
2019	Mark Twain Junior High School	Careers in the Field of Psychology
2019	CSU Stanislaus	CV: Informational Session
2018	CSU Stanislaus	Successful Strategies for Acquiring Letters of Recommendation

## TECHNICAL SKILLS and PROFICIENCIES

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MATLAB (Psychtoolbox, EEGLAB, FieldTrip)	<i>Training in conducting experiments with:</i>
Python (Machine Learning, PsychoPy)	Magstim TMS
R (R Studio)	neuroConn DC-Stimulator, tDCS
SPSS	BioSemi EEG System, 32-channel headcap
JASP	EGI EEG System, 256-channel
Qualtrics	BrainProducts actiCHamp EEG System
Microsoft Office	Wearable sensing DSI EEG, 7-channel
Adobe Illustrator	SR Research Eyelink 1000 Plus
	Behavioral techniques in human behavior

## BOOTCAMPS and WORKSHOPS

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2025	University of Nevada, Reno	Measure, Manipulate, & Modulate Transcranial Magnetic Stimulation
2025	OPAM	Power Analysis Simulations R
2025	OPAM	Experiments in PsychoPy
2023	University of Nevada, Reno	<a href="#">R Bootcamp</a>
2023	University of Nevada, Reno	<a href="#">Machine Learning Bootcamp</a>

## SERVICE and OUTREACH

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2026, Spring	CSU Stanislaus	<i>Panel Speaker:</i> Psi Chi Alumni
2026, Spring	Cognitive Neuroscience Society	<i>Volunteer:</i> CNS Conference
2026, Spring	University of Nevada, Reno	<i>Graduate Coordinator:</i> CBS GradVenture

2026, Spring	Frontiers	<i>Science Mentor:</i> Frontiers for Young Minds
2025, Fall	University of Nevada, Reno	<i>Reviewer:</i> Nevada Undergraduate Research Award
2025, Spring	University of Nevada, Reno	<i>Panel Speaker:</i> Psi Chi Grad School and Career Information
2025, Spring	CSU Stanislaus	<i>Panel Speaker:</i> Beyond Undergrad
2025, Spring	Frontiers	<a href="#"><i>Science Mentor:</i> Frontiers for Young Minds</a>
2024-Present	University of Nevada, Reno	<i>Member:</i> Neuroscience Outreach
2024-Present	University of Nevada, Reno	<i>Graduate Coordinator:</i> Cognitive and Brain Sciences' Early Career Speaker Series
2024, Spring	University of Nevada, Reno	<i>Reviewer:</i> Nevada Undergraduate Research Award
2024, Spring	University of Nevada Reno	<i>Volunteer:</i> EEG Demonstrations
2024, Spring	University of Nevada, Reno	<i>Panel Speaker:</i> Psi Chi Graduate School Information
2023, Fall	CSU Stanislaus	<i>Panel Speaker:</i> Psi Chi Alumni
2023, Fall	University of Nevada, Reno	<i>Reviewer:</i> Nevada Undergraduate Research Award
2022-Present	University of Nevada, Reno	<i>Mentor:</i> Psychology Undergraduates Pursuing Mentorship
2021, Fall	CSU Stanislaus	<i>Panel Speaker:</i> Intro to Masters
2019-2020	CSU Stanislaus	WPA Student Representative
2019-2020	CSU Stanislaus	<i>Volunteer:</i> Science Day
2018-2020	CSU Stanislaus	<i>President:</i> Psi Chi
2018-2019	CSU Stanislaus	<i>Co-Founder:</i> Spread the Warmth
2017-2018	CSU Stanislaus	<i>Intern:</i> Sierra Vista Child and Family Services

### **MENTORING EXPERIENCE** (RA=Research assistant)

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2024-Present	Elenie Zuniga (UNR)	ENDURE student; RA
2024-Present	Christian Santos (UNR)	NURA recipient (primary mentor); RA
2023-Present	Alana Bonilla (UNR)	Psychology Undergraduate Pursuing Mentorship Mentee
2022-2025	Lena Kimmelmeier (UNR) <i>UCSD PhD candidate</i>	Nevada Undergraduate Research Award (NURA) recipient(x3, graduate mentor); RA
2021-2023	Beau Oster (UNR) <i>Johns Hopkins PhD candidate</i>	ENDURE student; RA

## **PROFESSIONAL AFFILIATIONS**

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2024-Present	Psychonomic Society
2023-Present	American Psychological Association
2022-Present	Society of Biological Psychiatry
2022-Present	Cognitive Neuroscience Society

## **AD HOC PEER REVIEW**

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2026	Current Psychology
2025	Schizophrenia

## **MEDIA COVERAGE**

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2025	<a href="#">GREI</a>	OSF Data Sharing User Story
2025	<a href="#">Nevada Today</a>	Will my high screen time harm my executive function?
2023	<a href="#">Nevada Today</a>	Researchers work to identify new diagnostic tools for schizophrenia

*Date last modified: 2/25/26*