

Vanessa Y. Oviedo

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EDUCATION

University of California, Santa Cruz	August 2024
PhD in Cognitive Psychology	
Advisor: Dr. Jean E. Fox Tree	
Dissertation: <i>The Liking Gap in Computer-Mediated Communication</i>	
Concentration in Statistics/Quantitative Social Science	March 2023
MS in Psychology	August 2021
Thesis: <i>Social Presence and Emotional Connection: A Modality Switching Perspective</i>	
California State University, Long Beach	May 2014
BA in Psychology	
Minor in Child and Family Studies	

FELLOWSHIPS AND AWARDS

1. Psychology Department Summer Dissertation Award, \$5,000	June 2024
2. J. Frank Yates Conference Award, \$1,000	November 2023
3. UC Pre-Professoriate Fellowship, \$46,000	September 2023
4. UCSC Grad Slam Finalist, \$500	March 2023
5. Hispanic Association of Colleges and Universities Scholarship, \$2,000	January 2023
6. The STAR Re-Entry Scholarship, \$1,500	July 2022
7. Federico and Rena Perlino Memorial Scholarship, \$6,000	June 2022
8. Psychology Department Summer Research Award, \$2,000	June 2022
9. Psychology Department Summer Research Award, \$4,000	June 2021
10. Federico and Rena Perlino Memorial Scholarship, \$5,660	June 2021
11. Professors Bruce and Diane Bridgeman Award, \$4,000	June 2020
12. UCSC Regents Fellowship, \$6,000	April 2020

PUBLICATIONS

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1. **Oviedo, V. Y.**, & Fox Tree, J. E. (2024). Social presence and collaborative creativity in leaner media. *Computers in Human Behavior Reports*, 16, 100514.
 2. **Oviedo, V. Y.**, Johnson, K., Huberth, M., & Brimijoin, W. O. (2024). Social connectedness in spatial audio calling contexts. *Computers in Human Behavior Reports*, 15, 100451.
 3. Miyatsu, T., **Oviedo, V.**, Reynaga, J., Karuzis, V. P., Martinez, D., O'Rourke, P., Key, M., McIntire, L., Aue, W., McKinley, R., Pirolli, P., & Broderick, T. (2024). Transcutaneous cervical

vagus nerve stimulation enhances second-language vocabulary acquisition while simultaneously mitigating fatigue and promoting focus. *Nature Scientific Reports*, 14(1), 1 - 12.

4. **Oviedo, V. Y.**, Fox Tree, J. E. (2021). Meeting by text or video-chat: Effects on confidence and performance. *Computers in Human Behavior Reports*, 3, 1 - 8.
5. Griffin, C., Hergott, G., Massey, N., Beazley, D. A., Bolgla, L., Flynn, S., **Oviedo, V.**, Kurchian, C., Pu, W., Barker, K., Komforti, D. W., Joffe, C., Magras, A., Peller, A., Garbe, E., Garib, R. Trapuzzano, A. D., Dawson, N. T., Stock, M. S., Shaikh, F. D., Tennant, J. E., Hame, R. N., & Zukowski, L. A. (2020). Use of stadi and physical activity vital sign in fall risk assessment. *Journal of Geriatric Physical Therapy*, 1 - 2.
6. Flynn, S. M., **Oviedo, V. Y.**, Hoffmann, W. N., Grindo, T., Limberg, T., Niemeier, J. P., Robinson, K., Stearns, M., & Smith, B. K. (2018). Initial usability and validation of inspiration point, a digital pulmonary rehabilitation tool for use with self-management interventions. *Journal of Cardiopulmonary Rehabilitation and Prevention*, 38(5), E19 - E39.
7. Flynn, S. M., **Oviedo, V. Y.**, Hoffmann, W. N., Stevens-Lapsley, J., Roberts, P., & Bini, S. (2018). Reliability, validity and usability of a digital education and self-assessment app for adults with knee osteoarthritis. *Gerontechnology*, 17(3), 158.
8. **Oviedo, V.**, Tornquist, M., Cameron, T., & Chiappe, D. (2015). Effects of media multi-tasking with Facebook on the enjoyment and encoding of TV episodes. *Computers in Human Behavior*, 51, 407 - 417.

MANUSCRIPTS UNDER REVIEW

1. **Oviedo, V. Y.**, Guydish, A. J., & Fox Tree, J.E. (under review). The liking gap online: People like us more than we think.
2. **Oviedo, V. Y.**, & Fox Tree, J. E. (under review). Expertise and uptalk affects credibility and recall.

MANUSCRIPTS IN PREPARATION

1. **Oviedo, V. Y.**, & Fox Tree, J. E. (in preparation). Interacting with diverse audiences improves communication skills.

PRESENTATIONS

1. **Oviedo, V. Y.**, & Fox Tree, J. E., *How modality switching affects the liking gap in conversation*. Abstract accepted for presentation at the Psychonomics Society Conference, November 2024. New York, NY.
2. **Oviedo, V. Y.**, & Fox Tree, J. E., *Interacting with diverse audiences improves communication skills*. Abstract accepted for presentation at the Psychonomics Society Conference, November 2023. San Francisco, CA.
3. Miyatsu, T., **Oviedo, V.**, Reynaga, J., Karuzis, V. P., Martinez, D., O'Rourke, P., Key, M., McIntire, L., Aue, W., McKinley, R., Pirolli, & P., Broderick, T. *Transcutaneous cervical vagus nerve stimulation enhances second-language vocabulary acquisition while simultaneously*

- mitigating fatigue and promoting focus*. Paper presented for poster presentation at the American Academy of Neurology Conference, April 2023. Boston, MA and Virtual.
4. **Oviedo, V. Y.**, *The liking gap in online communication*. 3-min thesis presented at UCSC Grad Slam, March 2023. Santa Cruz, CA.
 5. **Oviedo, V. Y.**, & Fox Tree, J. E., *How modality switching affects social presence and emotional connection*. Abstract accepted for poster presentation at the Psychonomics Society Conference, November 2021. Virtual.
 6. **Oviedo, V. Y.**, & Fox Tree, J. E., *Texting versus videochat: Effects on confidence and performance*. Abstract accepted for poster presentation at the Psychonomics Society Conference, November 2020. Virtual.
 7. Hajela, N., Flynn, S. M., & **Oviedo, V. Y.**, *Improvement in self-reported cognitive function following a 1month brain-training intervention in adults with persistent mTBI/concussion*. Abstract accepted for poster presentation at the Combined Sections Meeting, February 2020. Denver, Colorado.
 8. Flynn, S. M., **Oviedo, V. Y.**, Hoffmann, W. N., Grindo, T., Limberg, T., Niemeier, J. P., Robinson, K., Stearns, M., & Smith, B. K. *Initial usability and validation of Inspiration Point: a digital pulmonary rehabilitation tool for use with self-management interventions*. Abstract accepted for poster presentation at The American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, September, 2018. Louisville, Kentucky.
 9. Flynn, S. M., **Oviedo, V. Y.**, Hoffmann, W. N., Stevens-Lapsley, J., Roberts, & P., Bini, S. *Reliability, validity and usability of a digital education and self-assessment app for adults with knee osteoarthritis*. Abstract accepted for poster presentation at The International Society for Gerontechnology World Conference, May, 2018. St. Petersburg, Florida.
 10. **Oviedo, V.**, Tornquist, M., Cameron, T., & Chiappe, D. *Effects of media multi-tasking with Facebook on the enjoyment and encoding of TV episodes*. Paper accepted for poster presentation at The Applied Human Factors and Ergonomics International Conference, July, 2016. Orlando, Florida.
 11. **Oviedo, V.**, Medina, E., Winter, A., Ayers-Everett, T., Bouey, T., Cameron, T., Moreno, S., Remaloui, A., & Chiappe, D. *The effects of media-multitasking on enjoyment and memory*. Abstract accepted for poster presentation at The Western Psychological Association Convention, April, 2014. Portland, Oregon.

TEACHING EXPERIENCE

Teaching Assistant

University of California, Santa Cruz
Research Methods

Dr. Courtney Bonam – Spring 2023
Dr. Bryan Holbrook – Winter 2023
Dr. Benjamin Storm – Spring 2022
Dr. Courtney Bonam – Spring 2021
Dr. Rebecca Covarrubias – Fall 2020
Dr. Benjamin Storm – Winter 2020

Introduction to Psychological Statistics

Dr. Bryan Holbrook – Fall 2022

Fundamentals of Cognition	Andrew Guydish, M.S. – Summer 2022
The Science of Learning	Dr. Karen Arcos – Summer 2022
Psychology of Language	Elise Duffau, MS – Summer 2024 Dr. Jean E. Fox Tree – Winter 2022 Yasmin Chowdhury, MS – Summer 2020
Learning and Memory	Dr. Benjamin Storm – Summer 2021 Dr. Benjamin Storm – Summer 2020
Perception	Dr. Bryan Holbrook – Winter 2021
Abnormal Psychology	Dr. Andrea Cook – Fall 2021
Communication Technologies, Culture, and Human Development	Dr. Adriana Manago – Fall 2019

Writing Coach

University of California, Santa Cruz

Perspectives on Autism	Dr. Nameera Akhtar - Winter 2024
Children & Technology	Dr. Maureen Callanan - Spring 2023
Weird Science	Dr. Jean E. Fox Tree – Spring 2022
Achievement Disparities	Dr. Kylie Kenner – Winter 2022

Main Instructor

Los Angeles Pacific College
Introduction to Psychology

Bernadette Yeaton – Spring 2017

Student Assistant

California State University, Long Beach
Abnormal Psychology

Dr. Sherry Span – Spring 2014

SERVICE

We Belong Too Program Coordinator

Fall 2023 - Spring 2024

- Developed and implemented a mentorship program at UC Santa Cruz that provides speed mentoring lunch sessions between BIPOC undergraduates and graduate students. The goal of the

program is to demystify graduate school applications and network for research opportunities between BIPOC undergraduates and graduate students.

Teaching Assistant Mentor

Winter 2023

- Mentored one first-year graduate student in preparing for and teaching individual sections.

Diversity, Equity, and Inclusion Committee Member

Fall 2020 - Spring 2022

- Served as one of the cognitive area graduate student representatives and assisted in creating and holding events and discussions related to anti-racism practices within academia.

Science Internship Program (SIP) Mentor

Summer 2020, 2021

- Mentored underrepresented high school students in cultivating their interests by learning about the research process through running human subjects and assisted in developing questionnaires and sentiment analysis.

Pathways to Research (P2R) Mentor

Winter 2020 - Spring 2020

- Mentored three underrepresented students in conducting literature reviews, developing a research question, a proposed methodology, predicted results, and completing an IRB proposal.

MINT Program Mentor, University of California, Santa Cruz

Fall 2019 - Spring 2020

- Mentored one student of color in exploring the process of researching, deciding, and creating competitive applications for graduate school.

RESEARCH POSITIONS

Quantitative UX Researcher, Scalence LLC (Supporting Google AR/VR)

2024 – Present

Manager: Sherilyn Wilman-Depena

Graduate Student Researcher, University of California, Santa Cruz

2019 – Present

Primary Investigator: Dr. Jean E. Fox Tree

Spontaneous Communication Lab

Project(s): The Liking Gap in Computer-Mediated Communication; Social Presence and Collaborative Creativity; Diverse Communication Partners; Trusting Uptalk; Collaborative Conversations

UX Research Scientist Intern, Meta Audio and Visual Reality Labs (AR/VR)

2023

Intern Manager: Dr. Khia Johnson

Project: Social Connectedness in Spatial Audio Calling Contexts

Graduate Student Researcher, Institute for Human and Machine Cognition

2020 - 2022

Primary Investigator: Timothy Broderick; Peter Pirolli

Project: PEERLESS; LEAP

Funding: DARPA

UX Research Associate, Blue Marble Health

2017 - 2022

Primary Investigator: Dr. Sheryl Flynn

Project: *Health in Motion*: A digital health self-management tool

Funding: National Institutes on Aging

- Recruited users who fit target demographics to participate in ongoing user testing and experimental studies through community outreach of nonprofits, medical facilities, support groups, and craigslist ads.
- Conducted user testing on the app *Health in Motion*, collected feedback via audio/video, email, and phone interviews, and met with designers, programmers, and artists to implement user comments and make appropriate changes to the product's design.

Project: *Treasure of Bell Island*: A cognitive rehabilitation tool

Funding:

- Recruited users who fit target demographics to participate in an IRB approved study through community outreach of nonprofits, veteran housing, and craigslist ads.
- Assisted in publishing results from the study and submitting the final report to the Department of Defense.

Data Collector, University of California, Los Angeles

2016 - 2017

Primary Investigator: Carollee Howes

Project: Building Quality Child Care in Los Angeles County

- Conducted classroom observations using the CLASS observation measure on 500 children from various pre-school/day care facilities throughout Los Angeles to determine the effects of their educational environment and program quality on their overall performance in school.

Classroom Assessor/Data Collector, Survey Research Management

2014 - 2016

Primary Investigator: Karen Manship

Project: The Impact of Transitional Kindergarten on California Students

- Conducted a variety of cognitive assessments, such as the preLAS, Woodcock-Johnson/Woodcock-Muñoz, and Clinical Evaluation of Language Fundamentals, as well as classroom observations using the CLASS observation measure on 12,000 children from various schools throughout the Los Angeles Unified School District.

Research Lab Manager, California State University, Long Beach

2013 - 2015

Primary Investigator: Dr. Dan Chiappe

Project: Effects of media multitasking with Facebook on the enjoyment and encoding of TV episodes

- Published results of study as first author.

Research Assistant, California State University, Long Beach

2012 - 2013

PROFESSIONAL AFFILIATIONS

<i>SPARK Society</i> , Member	2022 – Present
<i>Cognitive Science Society</i> , Member	2019 - Present
<i>Psychonomics Society</i> , Member	2019 - Present
<i>Western Psychological Association</i> , Member	2014 - Present

SPECIAL SKILLS

Research Skills: Usability testing, A/B testing, Survey methods

Statistical Software Proficiency: R, SPSS

Cognitive Tools: Neuvana Xen, Gammacore, PsychoPy, preLAS, Woodcock-Johnson, Woodcock-Muñoz, Clinical Evaluation of Language Fundamentals (CELF)

Languages: Native fluency in reading, writing, and speaking Spanish