

Anne S. Yilmaz

Curriculum Vitae
Updated April 11, 2025
ayilmaz@ucsd.edu
Pronouns: she/her

University of California, San Diego
Department of Psychology
9500 Gilman Dr.
La Jolla, CA 92096-0109

Education

- University of California, San Diego 2024
Ph.D., Experimental Psychology w/ Specialization in Anthropogeny
Qualifying paper: "The Psychology and Neuroscience of Confidence in Memory and Perception"
Dissertation: "The Psychology of Police Lineup Rejections in Eyewitness Identification"
- University of California, San Diego 2020
M.A., Experimental Psychology
- University of Oregon, Robert D. Clark Honors College 2016
B.S., Psychology
Honors thesis: "Eyewitness Memory: How Stress and Situational Factors Affect Eyewitness Recall"
- Inside-Out Prison Exchange Program Winter 2013
Took a quarter-long undergraduate course in the maximum-security men's prison, Oregon State Penitentiary, with the incarcerated population as peers.
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Research Interests

Episodic memory. Encoding and retrieval. Eyewitness memory. Recognition. Perceptual decision-making. Evidence accumulation and confidence processes. Signal detection theory. Evolution of human memory processes.

Academic Publications & Works

In Prep

- Seale-Carlisle, T.M., Yilmaz, A.S., Wilson, B.M., Semmler, C., Wixted, J.T., & Mickes, L. (in prep). Conservative eyewitness instructions can increase criterion variance that reduces discriminability.
- Wilson, B.M., Yilmaz, A.S., Ha, S.Y., & Wixted, J.T. (in prep). Converging theoretical accounts of eyewitness identification: Fuzzy trace theory and diagnostic feature detection theory.
- Yilmaz, A.S., Tu, S. & Wixted, J.T. (in prep). The effect of discriminability on the confidence-accuracy relationship in lineup rejections.

Yilmaz, A.S., Tallman, C.W., & Wixted, J.T. (in prep). Episodic memory in the eyewitness domain through an evolutionary lens.

Yilmaz, A.S., & Wixted, J.T. (in prep). Reconciling signal detection theory with sequential sampling models of non-speeded decision making.

Yilmaz, A.S., Ha, S.Y., & Nelson-Lowe, A.B. (in prep). Using the Storing and Retrieving Knowledge and Events model (SARKAE) to account for reading processes in children.

Submitted, In Press, or Published

Yilmaz, A. S., Shen, K.J., & Wixted, J.T. (submitted). The science of human memory vs. the Federal Rules of Evidence. [Manuscript submitted for publication. Preprint available online.] Department of Psychology, University of California, San Diego. Retrieved from https://osf.io/preprints/osf/hv6bs_v3

Yilmaz, A.S. (2024). *The Psychology of Police Lineup Rejections in Eyewitness Identification* (Publication No. 31562631) [Doctoral dissertation, University of California, San Diego]. ProQuest Dissertations & Theses Global.

Yilmaz, A.S., Wilson, B.M., & Wixted, J.T. (2024). A Rate-them-all lineup procedure increases information and reduces discriminability. *Journal of Experimental Psychology: Applied*. Advance online publication. <https://doi.org/10.1037/xap0000524>

Yilmaz, A.S., Wang, X., & Wixted, J.T. (2024). Response bias modulates the confidence-accuracy relationship for both positive IDs and lineup rejections in a simultaneous lineup task. *Applied Cognitive Psychology*, 38(2), e4196. <https://doi.org/10.1002/acp.4196>

Yilmaz, A.S. & Wixted, J.T. (2024). What latent variable underlies confidence in lineup rejections? *Journal of Memory and Language*, 135, 104493. <https://doi.org/10.1016/j.jml.2023.104493>

Yilmaz, A.S., Laney, C., Loftus, E.F., Spielman, R.M., Stangor, C., & Walinga, J. (2023). Memory in context. In C. Pilegard (Ed.), *Cognitive Foundations* (2nd ed.). <https://pilegard.github.io/cogfoundations/>

Yilmaz, A.S., Lebensfeld, T., & Wilson, B.M. (2022). Enhancing evidence of innocence from police lineups. *Law and Human Behavior*, 46(2), 164-173. <https://doi.org/10.1037/lhb0000478>

Yilmaz, A.S. (2016). Eyewitness memory: How stress and situational factors affect eyewitness recall (Undergraduate honors thesis). For the Robert D. Clark Honors College and University of Oregon Department of Psychology, passed with Honors, Eugene, USA. <http://hdl.handle.net/1794/22141>

Presentations

Academic Talks & Conferences

- Wixted, J.T.,* & Yilmaz, A.S. (2024, November). The Curious Asymmetric Confidence-Accuracy Relationship for Positive Identifications and Lineup Rejections. Presented at the 65th annual meeting of Psychonomic Society, New York City, USA.
- Yilmaz, A.S.* (2024, May) The Basic Science behind Eyewitness Memory. Presented at the annual CARTA Student Symposium at the Center for Academic Research and Training in Anthropogeny, La Jolla, USA.
- Wixted, J.T.,* Yilmaz, A.S., & Shen, K.J. (2023, November). The Scientific Principles of Memory versus the Federal Rules of Evidence. Presented as a talk at the 64th annual meeting of Psychonomic Society, San Francisco, USA.
- Yilmaz, A.S.*, Tu, S., Wang, X., & Wixted, J.T. (2023, November). Response Bias Influences the Strength of the Confidence-Accuracy Relationship for Lineup Rejections. Presented as a poster at the 64th annual meeting of Psychonomic Society, San Francisco, USA.
- Yilmaz, A.S.* (2023, May) The Curious Case of Police Lineup Rejections. Presented at the annual CARTA Student Symposium at the Center for Academic Research and Training in Anthropogeny, virtual.
- Yilmaz, A.S.,* Tu, S., Wang, X., & Wixted, J.T. (2023, May). Response Bias Affects the Confidence-Accuracy Relationship for Lineup Rejections in Eyewitness Identification. Presented at the annual meeting of the Association for Psychological Science, Washington, D.C.
- Yilmaz, A.S.,* & Wixted, J.T. (2023, May). The Latent Decision Variable Underlying Confidence in Lineup Rejections. Presented at the 23rd annual meeting of Vision Sciences Society, St. Pete Beach, Florida.
- Yilmaz, A.S. & Wixted, J.T.* (2023, April). The Principles of Memory vs. the Federal Rules of Evidence. Presented at the weekly Department of Psychology Brown Bag meeting at UC San Diego, La Jolla, USA.
- Yilmaz, A.S.,* & Wixted, J.T. (2022, July). Decision Variables in the Case of Police Lineup Rejections. Presented at the 44th annual meeting of Cognitive Science Society, Toronto, Canada.
- Yilmaz, A.S.,* Wilson, B.M., & Wixted, J.T. (2022, June). A Comparison Between a Rate-them-all Simultaneous Lineup Procedure vs. the Standard Simultaneous and Showup Procedures. Presented at the 22nd annual meeting of Vision Sciences Society, virtual.
- Yilmaz, A.S.* (2022, May) Recognition Memory. Presented at the annual CARTA Student Symposium at the Center for Academic Research and Training in Anthropogeny, La Jolla, USA.
- Tu, S.,* Yilmaz, A.S., & Wixted, J.T. (2022, April). Evidence of Innocence: Confidence-Accuracy Relationship in Lineup Rejections. Presented at the 28th annual Psychology Student Research Conference of CSU San Marcos Psychology Department, virtual.

- Yilmaz, A.S.* & Wixted, J.T. (2021, November). The Psychology and Neuroscience of Confidence in Memory and Perception. Presented at the 62nd annual meeting of Psychonomic Society, virtual.
- Yilmaz, A.S.* (2021, May) Memory. Presented at the annual CARTA Student Symposium at the Center for Academic Research and Training in Anthropogeny, virtual.
- Yilmaz, A.S.,* Lebensfeld, T., Kim, K., & Wilson, B.M. (2021, May). Enhancing Evidence of Innocence from Police Lineups. Presented at the annual meeting of Association for Psychological Science, virtual.
- Yilmaz, A.S.,* Wilson, B.M., & Wixted, J.T. (2020, November). The Effect of a Rate-them-All Lineup on Diagnostic Accuracy. Presented at the 61st annual meeting of Psychonomic Society, virtual.
- Yilmaz, A.S.,* Lebensfeld, T., Kim, K., & Wilson, B.M. (2020, November). Enhancing Evidence of Innocence from Police Lineups. Presented at the 61st annual meeting of Psychonomic Society, virtual.
- Yilmaz, A.S.* (2020, June) Basic Memory Science: Recognition Memory and Long-term Memory. Presented at the annual CARTA Student Symposium at the Center for Academic Research and Training in Anthropogeny, virtual.
- Yilmaz, A.S.,* Wilson, B.M., & Wixted, J.T. (2019, September). The Effect of a Rate-them-All Lineup on Diagnostic Accuracy. Presented at the Psychology & Pacific Science Engineering Symposium, La Jolla, USA.
- Yilmaz, A.S.,* Wilson, B.M., & Wixted, J.T. (2019, June). The Effect of a Rate-them-All Lineup on Diagnostic Accuracy. Presented at the annual Little APS meeting at University of California, San Diego, La Jolla, USA.
- Yilmaz, A.S.* & Mauro, R. (2016, May). Eyewitness Memory: How Stress and Situational Factors Affect Eyewitness Recall. Presented at the Oregon Undergraduate Research Symposium, Eugene, USA.
- Yilmaz, A.S.* & Mauro, R. (2016, May). Eyewitness Memory: How Stress and Situational Factors Affect Eyewitness Recall. Presented at the Stanford Undergraduate Psychology Conference, Stanford, USA.

Criminal Justice System

- Yilmaz, A.S.*, Wixted, J.T.*, & Solorio M.* (2025, April). The New Science of Eyewitness Identification. Presenting at the annual meeting of the Innocence Network Conference, Seattle, USA.
- Yilmaz, A.S.* (2024, December). Understanding the New Consensus: Memory Science from the 1970s until Present & The Reliability of Eyewitness Identification. Invited talk for the United States Marine Corps Defense Services Organization, Regional Defense Counsel – East, Camp Lejeune, USA, virtual.
- Yilmaz, A.S.* (2024, July). Understanding the New Consensus: The Reliability of Eyewitness Identification. Invited talk for the San Diego Criminal Defense Bar Association, San Diego, USA.

Yilmaz, A.S.* (2024, June). Understanding the New Consensus: The Reliability of Eyewitness Identification. Invited talk for the Criminal Defense Lawyers Club, San Diego, USA.

Yilmaz, A.S.* & Wixted, J.T.* (2023, September). An Updated Perspective on the Reliability of Eyewitness Identification. Invited talk for the Conviction Integrity Unit of the Los Angeles County District Attorney's Office, Los Angeles, USA. ***[Of a two-hour presentation with my Ph.D supervisor on the latest eyewitness science, I presented 1-hour and 45-minutes of content to the District Attorney's Office. Three weeks later, they cited this presentation in their concession letter to the judge who was handling the exoneration of Miguel Solorio. On November 9th, 2023, a judge ordered the exoneration of Solorio. He was released from prison four days later after spending 25 years in prison.]***

Yilmaz, A.S.* (2023, August). An Updated Perspective on the Reliability of Eyewitness Identification. Invited talk for the San Diego County Public Defender's Office and broadcast to: Office of the State Public Defender, the Federal Defenders of San Diego, Contra Costa County Public Defender's Office, Los Angeles County's Public Defender Office, Los Angeles County Alternate Public Defender's Office, Fresno County Public Defender's Office, County of Mendocino Public Defender's Office, Office of the Marin County Public Defender, Merced County Public Defender's Office, Monterey County Public Defender's Office, Riverside County Offices of the Public Defender, Santa Barbara County Public Defender's Office, Siskiyou County Public Defender's Office, Sonoma County Public Defender's Office, Office of the Stanislaus County Public Defender, Tulare County Public Defender's Office, and Ventura County Public Defender's Office; San Diego, USA.

Yilmaz, A.S.* (2023, February). Recognition Memory in the Eyewitness Domain. Invited talk for the United States Navy Judge Advocate General's (JAG) Corps training day, San Diego and Bremerton, USA.

**Indicates the presenting author*

Employment & Teaching Experience

Staff Research Associate IV
University of California, San Diego

2025-present

Lecturer

2025-present

Instructor of record for upper-division undergraduate course

University of California, San Diego

- *PSYC 144 Memory & Amnesia (Winter 2025, ~300 enrollment)*
- *PSYC 144 Memory & Amnesia (Winter 2026, scheduled)*

Associate-in Lieu

2023-2024

Instructor of record for upper-division undergraduate course

University of California, San Diego

- PSYC 144 Memory & Amnesia (Winter 2023, ~330 enrollment)
- PSYC 162 Psychology & Law (Summer 2023, ~85 enrollment)
- PSYC 144 Memory & Amnesia (Winter 2024, ~220 enrollment)
- PSYC 144 Memory & Amnesia (Summer 2024, ~50 enrollment)

Guest Lecturer

2020-2025

Lectures given to high school, undergraduate or law students within a particular curriculum

University of California, San Diego

- PSYC 193L Psychology Laboratory Topics: Social Cognition (Summer 2020)
- PSYC 102 Sensory Neuroscience (Spring 2023)
- PSYC 144 Memory & Amnesia (Spring 2024, Spring 2025)

California Western School of Law (California Innocence Project)

- “An Updated Perspective on Eyewitness Identification Research.” Evidence course (September 2020)
- “An Updated Perspective on the Reliability of Eyewitness Identification.” Wrongful convictions course (October 2023)

California Western School of Law (California Innocence Advocates)

- “Understanding the New Consensus: Memory Science from the 1970s until Present & The Reliability of Eyewitness Identification” (June 2024)
- “Understanding the New Consensus: Memory Science from the 1970s until Present & The Reliability of Eyewitness Identification” (October 2024)

University of Southern California Gould School of Law

- “Direct Examinations of Expert Witnesses.” Trial advocacy course (**x2**; October 2023; October 2024)

Santa Clara University School of Law (Northern California Innocence Project)

- “Understanding the New Consensus: The Reliability of Eyewitness Identification” (January 2024)
- “The New Science of Eyewitness Identification” (January 2025)

Westview High School, Poway Unified School District

- “The Science Underlying Eyewitness Memory.” Three sections of an AP Psychology course (**x3**; October 2024)

Goucher College

- PSY 322 Cognitive Psychology (Spring 2025)

Graduate Student Researcher (GSR)

2022-2024

Academic appointment where one is contracted for a particular project

University of California, San Diego

- Writing and editing content for the Cognitive Foundations textbook (15%; October 2022)
- Eyewitness memory research (100%; July 2023)
- Adapting the SARKAE model of memory for reading acquisition processes (50%; July & September 2024)
- Eyewitness memory research (50%; September 2024)

Teaching Assistant (TA)

2007-2024

Canyon View Elementary School, Poway Unified School District

- Worked for Extended Student Services as a volunteer TA. Students ranged from kindergarten to 6th grade (Summer 2007)
- Worked for Extended Student Services as a volunteer TA. Students ranged from kindergarten to 6th grade (Summer 2008)
- Worked as a volunteer TA in a 5th-grade classroom (2012)

University of California, San Diego

- PSYC 60 Introduction to Statistics (**x2**; Fall 2022, Fall 2023)
- PSYC 102 Sensory Neuroscience (Spring 2023)
- PSYC 108 Cognitive Neuroscience (**x2**; Spring 2020, Summer 2021)
- PSYC 137 Social Cognition (Summer 2020)
- PSYC 144 Memory & Amnesia (**x2**; Winter 2022, Spring 2024)
- PSYC 145 Psychology of Language (Spring 2021)
- PSYC 162 Psychology & Law (Fall 2018)
- PSYC 168 Psychological Disorders of Childhood (Fall 2019)
- PSYC 180 Adolescence (Summer 2019)
- PSYC 188 Psychology of the Climate Crisis (Winter 2021)
- PSYC 193L Psychology Laboratory Topics: Social Cognition (Summer 2020)

Mathematics Instructor

2017-2018

Mathnasium of 4S Ranch

Worked with 2nd- through 12th-grade students.

Post-Baccalaureate Research Assistant

2017

Wixted Memory Laboratory; University of California, San Diego

Senior Sports Reporter

2013-2015

Emerald Media Group

Beat writer for ACHA hockey, NCAA women's tennis, and club sports for Division 1 universities. Work was nationally recognized by the Associated Collegiate Press (ACP), the United States Fencing Association (USFA) and on Poynter.org.

Senior Editor; Copy Chief

2012-2013

Lane Today

Edited all content for the online site and wrote news briefs.

Community Involvement

Science & the Law

Consult, Lexipol Eyewitness Policy

2023

Lexipol

Lexipol writes and updates policy for ~87% of law enforcement agencies in California and over 7,000 law enforcement agencies across the United States. I reviewed their company's policy on eyewitness identification, providing feedback on areas that could be improved to better fit our current scientific understandings. These policies ranged from best practices for lineup administration as well as other policies related to the collection of memory evidence.

Consult, California Penal Code Review

2023

California Innocence Coalition

The California Innocence Coalition is comprised of the Northern California Innocence Project, Loyola Project for the Innocent, the Los Angeles Innocence Project, and the Innocence Center. I consulted on their proposed changes to the California Penal Code in the sections relevant to the collection and preservation of eyewitness evidence, and assisted with their summarizations of the scientific findings that are at the core of those proposed changes.

Professional Service

Individual Student Mentorship

2020-present

- *Bennett Bugelli (2021), Brigitte Guzman (2021), Sabrina Ha (2024-25), Katelyn Leuallen (2024), Rebecca McCann (2023), Grace Reilly (2023), Shining Tu (co-adviser of honors thesis, 2021-22), Aleksandra Uvarova (2020), Mary Vennela (2024), Madge Vidmen (2021), Tiffany Widjaja (2023).*

Sciences Representative, Library Graduate Advisory Committee

2020-2021

Graduate Student Association, University of California, San Diego

Panelist

2020-2021

- Pathways to Ph.D: Psychology Graduate Student Panel (UC San Diego, 2020)
- LatinX Heritage Month: Psychology Graduate Student Panel (San Diego Mesa Community College, 2020)
- Panel leader for the Hot Topic discussion room: “Memory in Forensics: Eyewitness and lineup procedures” (Association for Psychological Science’s Annual Convention, 2021).
- Alumni 101: Should You Go to Graduate School? (UC San Diego Alumni Club, 2021).

Additional Training Programs

Engaged Teaching Hub Workshops

2020-2023

Teaching + Learning Commons; University of California, San Diego

- *Introduction to College Teaching (2020)*
 - *A ten-week course on college teaching and promoting student learning*
- *Navigating Office Hours Scenarios (2020)*
- *Discussion Sections: Effective Strategies and Common Concerns (2020)*
- *Teaching What You Don’t Know (2022)*
- *Guiding Students in Learning: Asking the Right Questions (2022)*
- *Teaching Large Classes (2023)*
- *Course Design Series (2023)*
 - *A three-part series on how to craft courses such that they are actively engaging, promote equitable learning, and utilize aligned assessment methods*
- *Summer Graduate Teaching Scholars Program (2023)*
 - *Highly competitive program for advanced PhD students that involves taking two full pedagogical training courses, having faculty-mentored teaching as an instructor of record for a summer session course, having your classroom observed by Engaged Teaching staff, and personalized feedback on in-classroom instructional methods.*
- *Guiding Students in Learning: Engaging with Problem-solving and Inquiry (2023)*

Data and Coding Workshops

2018-2022

Codecademy

- Learn HTML (2019)
- Learn the Command Line (2019)

Data & GIS Lab; University of California, San Diego

- Introduction to R: Data Wrangling and Plotting (Nov. 2018)
 - A three-part series

DataLab: Data Science and Informatics; University of California, Davis

- R Basics: Introduction to Programming for Researchers (2021)
 - A four-part series
- Introduction to Command Line (2021)
- Introduction to Version Control with Git (2021)
- Introduction to Basic Statistics in R (2021)
 - A two-part series

- Excelling with Excel: Best Practices for Keeping Your Data Tidy (2021)
- Beyond Basics: R Fundamentals (2022)
 - A five-part series

Teaching & Mentoring in Psychology 2020

Department of Psychology; University of California, San Diego
A ten-hour workshop series on teaching/mentoring undergraduate students

UC Psychology Teaching & Learning Conference 2020

Transfer Ally Training 2020

Transfer Student Success; University of California, San Diego

Discover the Law Program 2020

Student Legal Services; University of California, San Diego
Preventative legal education program.

Well-Being Leadership Award Program 2019

The Zone; University of California, San Diego
Participated in a series of 10 workshops aimed at building healthy and balanced leaders, leadership development, and self-reflection.

Honors & Awards

Anderson Travel & Research Award (x3) 2021; 2023 (x2)

University of California, San Diego

National Eye Institute Early Career Scientist Travel Grant 2023

Vision Sciences Society (VSS) & National Eye Institute (NEI)

GPSA Travel Grant Award 2023

Graduate & Professional Student Association; University of California, San Diego

CARTA Program Fellowship (x2) 2020-2021; 2021-2022

Center of Academic Research and Training in Anthropogeny (CARTA)
A one-year \$20,000 fellowship to support academic research

Best of Show: Multimedia Package 2015

Associated Collegiate Press (ACP)
My hockey feature, "Into Battle," won 5th place in the Associated Collegiate Press' national Best of Show competition. The award was presented at the CMA/ACP National College Media Convention.

Pacemaker Finalist: Multimedia Story of the Year 2015

Associated Collegiate Press (ACP)
The highest national award in collegiate journalism. My hockey feature, "Into Battle: The Bruises and Bonds of Brotherhood," was a finalist for a Pacemaker Award—an award nationally considered to be the "Pulitzer Prize of student journalism." The award was presented at the CMA/ACP National College Media Convention.

Best of the Desk Award: Sports (x3) 2014 (x2); 2015

Emerald Media Group

University Award nomination (x3)

University of Oregon

2014; 2015 (x2)

Non-Resident Dean's Scholarship Award

University of Oregon

2012-2016

Pacemaker Winner

National Scholastic Press Association (NSPA)

The highest national award in scholastic journalism. The award was presented at the NSPA/JEA National High School Journalism Convention.

2010

Societies & Organizations

Vision Sciences Society (VSS)

2020-present

Psychonomic Society

2019-present

Cognitive Science Society (CSS)

2020-2024

American Psychology-Law Society

2022-2024

Association for Psychological Science (APS)

2019-2024

Center for Academic Research and Training in Anthropogeny (CARTA)

2020-2024

American Association of University Women (AAUW)

2020-2023

Sigma Kappa Sorority, San Diego County Alumnae

2019-2021

American Psychological Association (APA)

2020-2021

University of Oregon Alumni Association

2016-life

Order of Omega, Epsilon Iota

2016

- *Members are selected from the top 3% of fraternity/sorority collegians at their university.*

Sigma Kappa Sorority, Alpha Phi

2015-2016

- *Senior member on Standards Council, a position requiring appointment by the Executive Vice President and confirmation by the National Council. Also served on the Scholarship Committee.*