Urvi Maheshwari
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Google Scholar | ORCID | Website

EDUCATION

University of California San Diego (UCSD) — San Diego, CA, USA
Ph.D. in Experimental Psychology — Expected June 2027

University of California San Diego (UCSD) — San Diego, CA, USA
M.A. in Experimental Psychology — June 2023

University of Western Ontario (UWO) — London, ON, Canada
Huron University College — June 2022
B.A. (Honours) – *with Distinction*
Honours Specialization in Psychology,
Major in History, Scholar's Electives Program

GRANTS AND FELLOWSHIPS

UCSD Summer Graduate Teaching Scholars (SGTS) Fellowship	2026
APF Elizabeth Munsterberg Koppitz Child Psychology Graduate Student Fellowship	2026
APA Dissertation Research Award	2025
UC International Institute Social Sciences Graduate Research Grant	2024
Huron Community History Centre Fellowship	2021
Huron Centre for Undergraduate Research Learning (CURL) Fellowship	2020

Travel Grants

SPP Travel Award	2026
Foundry10 Travel Award	2026
UCSD Norman Anderson Research and Travel Grant x 2	2026
UCSD Norman Anderson Research and Travel Grant	2025
Cognitive Science Society Travel Award	2024
UCSD Norman Anderson Research and Travel Grant x 2	2024

SCHOLARSHIPS, HONOURS, AND AWARDS

UCSD Psychology Excellence Award	2022
Moira Samson Award for Excellence in Psychological Research	2022
David H.M. Stewart Memorial Award "for highest achievement in the graduating class"	2022
Dean's Honour List	2019-2022
Professor Fredrick Walter Burd Prize "for highest standing in the Psychology program"	2021
Fourth Year Seanna and Nicole Strongman Award "for all-round achievement"	2021
Godsoe Family Scholarship of Distinction in Economics and History	2021
Huron College Faculty Association Nelson Heapy Award "for intellectual achievement"	2020
Douglas Leighton Award in First Nations History	2020
Jordan Propas Memorial Award "for academic achievement and community involvement"	2020
Huron International Scholarship	2018-2021
Huron Commonwealth Scholarship	2018-2020

PUBLICATIONS

+ *joint first authorship*

Manuscripts Under Review

1. **Maheshwari, U.**, Walker, C.M., & Barner, D. (under revised review). Do young children represent multiple mutually exclusive possibilities? [psyarxiv]

2. **Maheshwari, U.**+, Boskovic, K.+, & Barner, D. (under revised review). The role of analogy in the linguistic encoding of number and space. [psyarxiv]

3. Yu, Y., **Maheshwari, U.**, & Barner, D. (under review). Cross-modal calibration of number estimates.

Journal Articles

1. **Maheshwari, U.**, & Barner, D. (2026). One, two, three, four… what's more? Successor relations, not mappings to approximate magnitudes, support learning the later-greater principle. *Cognitive Science, 50,* e70267. [published]

2. **Maheshwari, U.**, Sullivan, J., & Barner, D. (2026). Counting without end: A cross-linguistic exploration of infinity beliefs in English and Hindi learners. *Journal of Experimental Child Psychology, 266*, 106473. [published]

3. **Maheshwari, U.**, & Barner, D. (2026). Back to reality: Children's early temporal reasoning applies to real but not hypothetical events. *Child Development, 97*(1)*,* 248-260. [published] [psyarxiv]

4. **Maheshwari, U.**, & Barner, D. (2026). Exact numerical reasoning in blind children and adults. *Cognition, 267,* 106351. [published] [psyarxiv]

5. **Maheshwari, U.** & Barner, D. (2025). Twice upon a time: Children use syntax to learn the meanings of yesterday and tomorrow. *Developmental Science, 28 (2),* e13600. [published] [psyarxiv]

6. Yu, Y., Abreu-Mendoza, R. A., Boni, I.,… **Maheshwari, U.**, … & Barner, D. (Stage 1 registered report: accepted in-principle). ManyNumbers 3: A multi-lab study of demographic correlates of early number knowledge. *Developmental Science.* [stage 1 report]

7. Abreu-Mendoza, R. A., Barner, D., Boni, I.,… **Maheshwari, U**., … & Gunderson, E. (Stage 1 registered report: accepted in-principle). ManyNumbers 1: A multi-lab international study of early number knowledge. *Developmental Science.* [stage 1 report]

Book Chapters & Open-Access Resources

1. **Maheshwari, U.**, & Barner, D. (in press). Cross Linguistic Factors in Early Numerical Development. In D. Purpura (ed). *The Intersection of Language and Mathematics: Theories, Empirical Evidence, and Future Directions.* London: Palgrave MacMillan. [psyarxiv]

2. Van Hedger, S. C., & **Maheshwari, U.** (2025). Language and music in the brain: Balancing domain-specific and domain-general mechanisms. In E. Andrews & S. Kiran. (eds). *The Cambridge Handbook of Language and Brain*. Cambridge: Cambridge University Press. pp. 459 - 498. [book] [chapter]

3. Campbell, N., Barr, L., Bovin, J.,… **Maheshwari, U**. … & Barrette-Ng, I. (2022). Uncovering the hidden curriculum. *eCampusOntario Special Collections.* [website] [DSpace]

INVITED TALKS

1. **Maheshwari, U.** (November, 2026). Through the Looking Class: Children's Understanding of Time and (Im)Possibility. Presented at the Developing Minds Lab, Boston University. (PI: Melissa Kibbe)

2. **Maheshwari, U.** (October, 2026). Language and the non-perceptual origins of abstract thought. Presented at the Language and Cognitive Development Lab, University of California, Berkeley. (PI: Mahesh Srinivasan)

3. **Maheshwari, U.** (April, 2025). Language, perception, and procedures in the development of exact number concepts. Presented at the Neuroplasticity and Development Lab, Johns Hopkins University. (PI: Marina Bedny)

4. **Maheshwari, U.** (February, 2024). Words as a window into the world: How young learners build explanations of reality. Presented at the Bjork Learning and Forgetting Lab, University of California Los Angeles. (PIs: Robert Bjork, Elizabeth Bjork)

5. **Maheshwari, U.** (August, 2023). Later numbers denote greater magnitudes: The acquisition of a counting principle [Bullet Talk]. Presented at the Workshop on Equality and Exact Number, Online.

REFEREED CONFERENCE PAPERS AND PRESENTATIONS

Conference Proceedings (2-6 page extended abstracts and short papers)

1. Du, H., Sepuri, T., **Maheshwari, U.**, Zhu, R., Arieda, J.O., & Long, B. (in press). Structure and diversity in children's line drawings of object categories across four international contexts. In Proceedings of the Cognitive Computational Neuroscience Conference. [paper]
   Poster presented at the Annual Meeting of the Cognitive Computational Neuroscience Society in New York, US.

2. **Maheshwari, U**., & Barner, D. (2024). Twice Upon a Time: Children Use Syntactic Bootstrapping to Learn the Meanings of Yesterday and Tomorrow. In L. K. Samuelson, S. L. Frank, M. Toneva, A. Mackey, & E. Hazeltine. (eds.). Proceedings of the Annual Meeting of the Cognitive Science Society. [paper]
   Talk presented at the Annual Meeting of the Cognitive Science Society in Rotterdam, Netherlands.

Symposia, Talks, and Posters

1. **Maheshwari, U.**, Kamble, V. & Barner, D. (2026, June 18-20). The Role of Perception in Number Word Learning: Insights from Blind Children and Adults. [Poster]. *Society for Philosophy and Psychology Annual Meeting*, Baltimore, MD.

2. **Maheshwari, U.**, & Barner, D. (2026, April 10-11). How do children begin to represent the past and future? [Talk]. *Bi-Annual Meeting of the Cognitive Development Society,* Montreal, QC. [Organized Symposium: Making a Time Traveler: How Children Reason Over Uncertainty in the Past and Future]

3. **Maheshwari, U.**, & Barner, D. (2025, November 6-9). Keeping it real: Children's comprehension of yesterday and tomorrow for autobiographical and hypothetical events [Poster]. *Boston University Conference on Language Development,* Boston, MA.

4. **Maheshwari, U.**, Sullivan, J. & Barner, D. (2024, June 26-28). The role of language in children's belief that numbers are infinite: Insights from Hindi and English learners in India. [Lightning Talk]. *Mathematical Cognition and Learning Society Annual Meeting*, Washington D.C.

5. **Maheshwari, U.**, & Barner, D. (2024, March 21-23). It's about time! Acquisition of deictic time words in English and Hindi. [Poster]. *Bi-Annual Meeting of the Cognitive Development Society*, Pasadena, CA.

6. **Maheshwari, U.**, & Tsang, C.D. (2022, July 18-20). A bi-directional training paradigm examining the cross-modal relationship between cognitive representations of language and mathematics. [Poster]. *Annual Meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science,* Halifax, NS.

TEACHING

Instructor of Record

Controversies in Cognitive Science — Summer 2026

Teaching Assistance

UCSD

Developmental Psychology — Fall 2026, Fall 2023
Science of Parenting — Spring 2026, Summer 2023
Psychology of Human Sexuality — Winter 2026
Cognitive Psychology — Spring 2025

Psychology of Language	Fall 2024
Psychology and the Law (Forensic Psychology)	Summer 2024
Laboratory in Psychophysiological Perception (Social Neuroscience)	Summer 2024
General Psychology: Developmental Foundations	Spring 2024
Laboratory in Social Cognition	Summer 2023
General Psychology: Cognitive Foundations	Winter 2023
UWO	
Method and Theory in General Psychology (2 lab sections)	Winter 2022