

David Menendez

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Pronouns: He/ Him/ Él

EDUCATION

Ph.D. in Psychology, 2022

Graduate minor in Quantitative Methods in Education Sciences

University of Wisconsin- Madison

Thesis: Not only what you see but where and when you see it: Factors influencing learning with visualizations

Advisor: Martha W. Alibali

M.S. in Psychology, 2017

University of Wisconsin- Madison

Thesis: Effects of priming variability on children's biological reasoning

Advisors: Karl S. Rosengren & Martha W. Alibali

B.A. in Psychology, Honors in Psychology, Graduated with distinction 2016

University of Wisconsin- Madison

Thesis: Do details bug you? Effects of representational richness on learning about biological change

Advisors: Karl S. Rosengren & Martha W. Alibali

A.A. in Psychology, Highest honors 2014

Miami Dade College, Miami, Florida

PROFESSIONAL EXPERIENCE

Assistant Professor, 2023-current

Department of Psychology

University of California- Santa Cruz

Post-doctoral research fellow, 2022-2023

Department of Psychology

University of Michigan

Advisor: Susan A. Gelman

FELLOWSHIPS

2021- 2022 *University Fellowship*

2016- 2017 A competitive fellowship award from the University of Wisconsin-Madison's Graduate School for incoming PhD. students and dissertators; fellows receive a 9-month stipend and tuition remission.

- 2021 *Marian Schwartz Fellowship* (\$5000)
A research fellowship from the Department of Psychology at the University of Wisconsin-Madison to support graduate student research in cognitive and experimental psychology.
- 2017- 2021 *IES Interdisciplinary Training Program in Education Sciences Entry Fellowship*
A competitive fellowship as part of the interdisciplinary training program at the University of Wisconsin-Madison. This program aims to train social scientists to conduct experimental research on topics in education; fellows receive a yearly stipend, tuition remission, and research and travel support.

HONORS AND AWARDS

- 2023 Jacobs Foundation Conference Young scholar
- 2021 UW-Madison Graduate School Graduate Student Service Scholarship (\$1000)
- 2019 UW Psychology Department Distinguished Service Award (\$1000)
- 2018 Peter Pufall Travel Award for Emerging Scholars (\$400)
- 2016 Undergraduate Research Scholar Award (\$1,000)
- 2015 Undergraduate Thesis Award (\$1,000)
- 2014 Peter Masiko Jr. Scholarship (\$1,000)

RESEARCH FOCUS

I study children's and adults' learning of STEM concepts in both formal and informal learning environments. I do so by adopting a mixed methodology, which allows me to examine how children are able to learn through different lenses; for example, by conversing with knowledgeable others, consuming cultural products, and participating in cultural rituals. Additionally, I am interested in how adults and children make appropriate generalizations after learning STEM concepts, and how these generalizations can be scaffolded by the language or visuals in a lesson.

PUBLICATIONS

* *Authors contributed equally to the work*
underline Undergraduate student co-author

Menendez, D., Richardson, E., McNeil, K. M., & Gelman, S. A., (accepted pending minor revisions). Discovering the world of viruses: Testing the influence of anthropomorphic representations on children's learning about COVID. *Developmental Psychology*.

Alibali, M. W., Matthews, P. G., Rodrigues, J., Meng, R., Vest, N. A., Jay, V., **Menendez, D.**, Murray, J. O., Donovan, A. M., Anthony, L. E., & McNeil, N. M. (in press). A Bird's-Eye View of Research Practices in Mathematical Cognition, Learning, and Instruction: Reimagining the Status Quo. *Journal of Experimental Child Psychology*.

Ünlütürk, B., Trujillo Hernandez, G. Velioğlu, İ., ***Menendez, D.**, & *Rosengren, K. S. (2024). Children's questions and teachers' responses about COVID-19 in Turkey and the US. *PLOS ONE*, 19(7), e0307475. <https://doi.org/10.1371/journal.pone.0307475> [Pre-print](#)

- ***Menendez, D.**, *Li, Z., Klapper, R. E., Sturge-Apple, M. L., & Rosengren, K. S. (2024). COVID-19 and child adjustment: The role of coparenting conflict and child temperament. *Journal of Child and Family Studies*, 33, 2251-2261. <https://doi.org/10.1007/s10826-024-02841-y> [Pre-print](#)
- Menendez, D.**, & Gelman, S. A. (2024). Children's biological causal models of disability. *Cognitive Development*, 70, 101448. <https://doi.org/10.1016/j.cogdev.2024.101448>
- ***Menendez, D.**, *Labotka, D., Umscheid, V. A., & Gelman, S. A. (2024). The social aspects of illness: U.S. children's and parents' explanations of the relation between social categories and illness. *Child Development*. <https://doi.org/10.1111/cdev.14110> [Pre-print](#)
- Menendez, D.**, Donovan, A. M., Mathiaparanam, O. N., Klapper, R. E., Yoo, S. H., Rosengren, K. S., & Alibali, M. W. (2024). The role of visualizations in adults' learning about genetic inheritance. *Education Sciences*, 14(3), 307. <https://doi.org/10.3390/educsci14030307> [Pre-print](#)
- Menendez, D.**, Donovan, A. M., Mathiaparanam, O. N., Seitz, V., Sabbagh, N. F., Klapper, R. E., Kalish, C. W., Rosengren, K. S., & Alibali, M. W. (2024). Deterministic or probabilistic: U.S. children's beliefs about genetic inheritance. *Child Development*, 95(3), e186-e205. doi: <https://doi.org/10.1111/cdev.14053> [Pre-print](#)
- Yoo, S. H., Trujillo-Hernandez, G., **Menendez, D.**, Klapper, R. E., Nichols, K., Martin, S., Sumanthiran, D., & Rosengren, K. S. (2023). "Will I get sick?": Parents' explanations to children's questions about a novel illness. *Cognitive Development*, 68, 101383. doi: <https://doi.org/10.1016/j.cogdev.2023.101383>
- Menendez, D.** (2023). Cues to generality: Integrating linguistic and visual information when generalizing biological information. *Journal of Educational Psychology*, 115(8), 1110–1124. doi: <https://doi.org/10.1037/edu0000812> [Pre-print](#)
- Menendez, D.**, Brown, S. A., & Alibali, M. W. (2023). Some correct strategies are better than others: Individual differences in strategy evaluations influence strategy adoption. *Cognitive Science*, 47(3), e13269. doi: <https://doi.org/10.1111/cogs.13269> [Pre-print](#)
- Menendez, D.**, Sabbagh, N. F., Alibali, M. W., & Rosengren, K. S. (2023). Timelines or time cycles: Exposure to different spatial representations of time shapes sketching and diagram preferences. *Education Research for Policy and Practice*, 1-19. doi: <https://doi.org/10.1007/s10671-023-09331-w>
- Menendez, D.**, Mathiaparanam, O. N., Seitz, V., Liu, D., Donovan, A. M., Kalish, C. W., Rosengren, K. S., & Alibali, M. W. (2023). Like mother, like daughter: Adults' judgments about genetic inheritance. *Journal of Experimental Psychology: Applied*, 29(1), 63–77. doi: <https://doi.org/10.1037/xap0000436> [Pre-print](#)
- Menendez, D.**, Rosengren, K. S., & Alibali, M. W. (2022). Detailed bugs or bugging details? Influence of perceptual richness on biological reasoning across elementary school. *Journal of Experimental Child Psychology*, 213, 105269. doi: <https://doi.org/10.1016/j.jecp.2021.105269>
- Menendez, D.**, Klapper, R. E., *Mandel, A. R., *Nicholas, K. A., *Schapfel, M. H., *Silsby, O. O., *Sowers, K. A., *Sumanthiran, D., *Welch, V. E., & Rosengren, K. S. (2021). "When

- will it be over?” U.S. children’s questions and parents’ responses about the COVID-19 pandemic. *PLOS ONE*, 16(8), e0256692. doi: <https://doi.org/10.1371/journal.pone.0256692> Pre-print
- Bridgewater, E., Menendez, D., & Rosengren, K. S.** (2021). Capturing death in animated films: Can films stimulate parent-child conversations about death? *Cognitive Development*, 59, 101063. doi: <https://doi.org/10.1016/j.cogdev.2021.101063> Pre-print
- Menendez, D., Mathiaparanam, O. N., Liu, D., Seitz, V. C., Alibali, M. W., & Rosengren, K. S.** (2020). Representing variability: The case of life cycle diagrams. *CBE-Life Science Education*, 19, ar49. doi: <https://doi.org/10.1187/cbe.19-11-0251>
- Peters, D., Menendez, D. & Rosengren, K. S.** (2020). Reframing mental illness: The role of essentialism on stigmatization and perceived treatment efficacy. *Memory & Cognition*, 48(8), 1317-1333. doi: <https://doi.org/10.3758/s13421-020-01061-1>
- Menendez, D., Rosengren, K. S., & Alibali, M. W.** (2020). Do details bug you? Effects of perceptual richness in biological reasoning. *Applied Cognitive Psychology*, 34, 1101–1117. doi: <https://doi.org/10.1002/acp.3698> Pre-print
- *Menendez, D., *Jiang, M. J., Edwards, K. M., Rosengren, K. S., & Alibali, M. W.** (2020). Evaluating and communicating about the healthiness of foods: Predictors of parents’ judgments and parent-child conversations. *Cognitive Development*, 55, 100913. doi: <https://doi.org/10.1016/j.cogdev.2020.100913>
- Menendez, D., Hernandez, I. G., & Rosengren, K. S.** (2020). Children’s emerging understanding of death. *Child Development Perspectives*, 14, 55-60. doi: <https://doi.org/10.1111/cdep.12357>
- Gutiérrez, I. T., Menendez, D., Jiang, M. J., Hernandez, I. G., Miller, P., & Rosengren, K. S.** (2020). Embracing death: Mexican parent and child perspectives on death. *Child Development*, 91, e491-e511. doi: <https://doi.org/10.1111/cdev.13263>
- Martinčėková, L., Jiang, M. J., Adams, J., Menendez, D., Hernandez, I. G., Barber, G., & Rosengren, K. S.** (2020). Do you remember being told what happened to grandma? The role of early socialization on coping and bereavement. *Death Studies*, 44, 78-88. doi: <https://doi.org/10.1080/07481187.2018.1522386>
- Brown, S. A., Menendez, D., & Alibali, M. W.** (2019). Strategy adoption depends on characteristics of the instruction, learner, and strategy. *Cognitive Research: Principles and Implications*, 4, 1-18. doi: <https://doi.org/10.1186/s41235-019-0158-3>
- Alibali, M. W., Brown, S. A., & Menendez, D.** (2019). Understanding strategy change: Contextual, individual, and metacognitive factors. *Advances in Child Development and Behavior*, 56, 227-256. doi: <https://doi.org/10.1016/bs.acdb.2018.11.004>
- French, J. A., Menendez, D., Herrmann, P. A., Evans, E. M., & Rosengren, K. S.** (2018). Cognitive constraints on understanding lifespan changes. *Journal of Experimental Child Psychology*, 173, 205-221. doi: <https://doi.org/10.1016/j.jecp.2018.03.018>
- Rosengren, K. S., Jiang, M. J., Kalish, C. W., Menendez, D., & Hernandez, I. G.** (2018). Commentary: What heals and why? Children’s understanding of medical treatments.

Monographs of the Society for Research in Child Development, 83, 175-183. doi: <https://doi.org/10.1111/mono.12370>

- Benjet, C., **Menendez, D.**, Albor, Y., Borges, G., Orozco, R., & Medina-Mora, M. E. (2018). Adolescent predictors of incidence and persistence of suicide related outcomes in young adulthood: A longitudinal study of Mexican youth. *Suicide and Life-Threatening Behavior*, 48, 755-766. doi: <https://doi.org/10.1111/sltb.12397>
- Borges, G., Benjet, C., Orozco, R., Medina-Mora, M. E., & **Menendez, D.** (2017). Alcohol, cannabis and other drugs and subsequent suicide ideation and attempt among young Mexicans. *Journal of Psychiatric Research*, 91, 74-82. doi: <https://doi.org/10.1016/j.jpsychires.2017.02.025>

CONFERENCE PROCEEDINGS

- Menendez, D.**, Alibali, M. W., & Rosengren, K. S. (2018). Effects of priming variability on adults learning about metamorphosis. In C. Kalish, M. Rau, T. Rogers, and J. Zhu (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp.2102-2107). Austin, TX: Cognitive Science Society.
- Brown, S. A., **Menendez, D.**, & Alibali, M. W. (2018). How do people evaluate problem-solving strategies? Efficiency and intuitiveness matter. In C. Kalish, M. Rau, T. Rogers, and J. Zhu (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 1414-1419). Austin, TX: Cognitive Science Society.

MANUSCRIPTS UNDER REVIEW

- Menendez, D.** (under review). Not only what you see but where and when you see it: Factors influencing learning with visualizations. [Pre-print](#)
- Yoo, S. H., Trujillo-Hernandez, G., **Menendez, D.**, Sowers, K. A., & Rosengren, K. S. (under review). Parent-child conversations about the COVID-19 pandemic at two-time points.
- Brown, S. A., **Menendez, D.**, Rajan, N. D., & Alibali, M. W. (under review). Says who? Learners are more likely to adopt a new strategy when it is demonstrated by an expert.
- Hernandez, I. G., **Menendez, D.**, Seitz, V., Pinto-Pro, I., Zeitler, M. H., & Rosengren, K. S. (under review). Parent-child conversations of germ and cold weather theories of the common cold in two cultures. [Pre-print](#)
- Trujillo-Hernandez, G., **Menendez, D.**, Yoo, S. H., Klapper, R. E., Sowers, K. A., Schapfel, M. H., Welch, V. E., & Rosengren, K. S. (under review). “What happens when you get corona?”: Parent-child conversations about the COVID-19 pandemic.
- Ünlütürk, B., Velioğlu, I., Trujillo-Hernandez, G., **Menendez, D.**, & Rosengren, K. S. (under review). What is coronavirus? Content analysis of children’s books about COVID-19 in Türkiye and the United States. [Pre-print](#)
- Menendez, D.** (under review). Bland and faraway bugs: The effects of perceptual richness on generalization depends on semantic distance. [Pre-print](#)

MANUSCRIPTS IN PREPARATION

Drafts of these manuscripts will be made available upon request.

Menendez, D., Alibali, M. W., & Rosengren, K. S. (in preparation). Effects of priming variability on children's biological reasoning.

Menendez, D., Dhaliwal, T., Umscheid, V., Labotka, D., & Gelman, S. A. (in preparation). Children's understanding of COVID-19 and the flu in three types of US communities.

Menendez, D., Mejia Gomez, L. Dhaliwal, T., Umscheid, V., & Gelman, S. A. (in preparation). Children and parents understanding of health inequalities in three types of communities in the United States.

PRESENTATIONS AND INVITED TALKS

Invited talks

- 2024 *Let's talk about death: Socio-cultural influences on children's understanding of death*
Cognitive Science Seminar, Virtual talk, Yeditepe University
- 2023 *Children's and adults' understanding of and learning about genetic inheritance*
Child Cognition Lab, Boston University
- 2023 *Cues to generality: Learning to generalize from scientific visualizations*
Early Learning and Cognition Lab, University of California – San Diego
- 2023 *Sniffles, Coughs and COVID: U.S. children's understanding of viruses and viral illness*
Infant and Child Development Center, Northwestern University
- 2022 *The circle of life: Perceptual features of diagrams influence people's understanding of lifespan changes*
Center of Research on Cognitive Development, University of Alberta
- 2022 *Children's and adults' understanding of and learning about genetic inheritance*
Developmental psychology brownbag, University of Michigan
- 2022 *Learning with and about visualizations of science concepts*
Interdisciplinary Training Program, Wisconsin Center for Education Research
- 2022 *Learning with and about visualizations of science concepts*
University of California-Santa Cruz
- 2021 *Learning with and about visualizations of science concepts*
University of Utah
- 2021 *Learning with and about visualizations of science concepts*
University of Chicago
- 2021 *Learning with and about visualizations of science concepts*
Vanderbilt University
- 2021 *Showing the forest or the trees: The role of visualizations in learning and generalization*
Developmental Psychology Brownbag, Stanford University
- 2021 *Children's and adults' beliefs about genetic inheritance*
Developmental Psychology Brownbag, University of Chicago
- 2021 *Children's beliefs about genetic inheritance*
Child Cognition Laboratory, Boston University
- 2020 *Let's talk about death: Socio-cultural influences on children's understanding of death*

- Department of Psychology, Northeastern Illinois University
- 2020 *Translating educational research into assessments*
Interdisciplinary Training Program, Wisconsin Center for Education Research
- 2019 *Developmental changes in learning with visual representations*
Department of Psychology, University of Rochester

Organized symposia

- Menendez, D.** (March, 2021). The role of experience and beliefs in children's biological reasoning. Symposium presented at the biennial meeting of the Society for the Research in Child Development, Virtual Meeting.

Conference talks

- Menendez, D.** (April, 2024). *Ed-Talk: Do the details of diagrams influence how far students generalize?*. Flask talk presented at the Annual Meeting of the American Education Research Association, Philadelphia, PA.
- Menendez, D.** (May, 2023). *Developmental differences in learning from scientific diagrams*. Talk presented at the Jacobs Foundation conference, Cascais, Portugal.
- Menendez, D.** (April, 2023). *Learning evolution at home: Virtual intervention for elementary school students and their parents*. In D. Fiedler (Chair) "It's never too early: Insights from empirical studies concerning evolution in kindergarten and elementary school" Talk presented at the Annual Meeting of the National Association of Research in Science Teaching, Chicago, IL.
- Menendez, D.,** Dhaliwal, T., Labotka, D., Scavnick, M. K., & Gelman, S. A. (April, 2023). *Children's understanding of viruses and viral transmission*. Round table presented at the Annual Meeting of the American Education Research Association, Chicago, IL.
- Ünlütürk, B., Trujillo-Hernandez, G., **Menendez, D.,** Velioğlu, I., Rosengren, K. (January, 2023). *Comparison of Children's Questions and Teachers' Responses about COVID-19 in Turkey and the U.S.* Online paper presented at the virtual Budapest CEU Conference on Cognitive Development (BCCCD23).
- Menendez, D.** (June, 2022). Discussant in G. Panagiotaki (Chair) "Children's understanding of death: Parental, media and cultural influences." Presented at the 26th Biennial Meeting of the International Society for the Study of Behavioral Development, Rhodes, Greece.
- Menendez, D.,** Bridgewater, E., & Rosengren, K. S. (June, 2022). *Death in Films: Parents' attitudes and children's questions*. In G. Panagiotaki (Chair) "Children's understanding of death: Parental, media and cultural influences." Talk presented at the 26th Biennial Meeting of the International Society for the Study of Behavioral Development, Rhodes, Greece.
- Menendez, D.** (April, 2022). *Is it possible or just similar? Children's judgements about possibility in the biological domain*. In A. Payir, P. L. Harris, & K. Corriveau (Chairs) "Developing Judgments of Possibility: What have we learnt and what have we yet to discover?" Talk presented at the Cognitive Development Society Bi-Ennial Conference in Madison, WI.
- Menendez, D.,** Mathiapparanam, O. N., Donovan, A. M., Seitz, V., Liu, D., Rosengren, K. S., Alibali, M. W., & Kalish, C. W. (March, 2021). *Not Exactly like your Mother: Children's Understanding of Genetic Inheritance for Familiar and Unfamiliar Animals*. In D. Menendez (Chair) "The role of experience and beliefs in children's biological reasoning."

Talk presented at the biennial meeting of the Society for the Research in Child Development, Virtual Meeting.

Menendez, D., Bridgewater, E., & Rosengren, K. S. (June, 2020). *Death in Films: Parents' attitudes and children's questions*. In G. Panagiotaki (Chair) "Children's understanding of death: Parental, media and cultural influences." Talk presented at the 26th Biennial Meeting of the International Society for the Study of Behavioral Development, Rhodes, Greece. [Cancelled due to COVID-19]

Menendez, D., & Rosengren, K. S. (April, 2019). *Visual Representations in Children and Adults' Understanding of Metamorphosis*. In A. N. Bartel (Chair) "Probing Students' Understanding with Differing External Representations." Talk presented at the Annual Meeting of the American Education Research Association, Toronto, Canada.

Menendez, D., Rosengren, K. S., & Alibali, M. W. (April, 2019). *Effects of Priming Variability on Children's Endorsement of Metamorphosis and Evolution*. In S. Ronfard (Chair) "The Essence of Biological Categories: Factors Influencing Children's Sensitivity to Variability and Change." Talk presented at the Biennial meeting of the Society for Research in Child Development, Baltimore, MD.

Rosengren, K. S., **Menendez, D.**, & Alibali, M. W. (May, 2018). *Effects of variability primes on learning about biological change*. In C. W. Kalish (Chair) "Learning with Variability." Talk presented at the Annual meeting of the Jean Piaget Society in Amsterdam, Netherlands.

Rosengren, K. S., & **Menendez, D.** (January, 2017). *Looking for Essences: The Influence of Essentialist Beliefs on Real World Reasoning*. Invited symposium discussion at the 12th Biennial conference of Society for Applied Research in Memory and Cognition, Sydney, Australia.

Poster presentations

Yu, A. K., Lee, C. H., Tjoa, A. D., Gelman, S. A., & **Menendez, D.** (June, 2024). *Anthropomorphism versus realistic language: Effects on children's learning towards illnesses*. Poster presented at the UCSC Psychology Undergraduate Research Symposium, Santa Cruz, CA.

Boren, K., Schoenfeld, L., & **Menendez, D.** (June, 2024). *Teaching children evolution through storybooks*. Poster presented at the UCSC Psychology Undergraduate Research Symposium, Santa Cruz, CA.

Menendez, D. (April, 2024). *Do the details of diagrams influence how far students generalize?*. Poster presented at the Annual Meeting of the American Education Research Association, Philadelphia, PA.

Menendez, D., Richardson, E., McNeil, K. N., & Gelman, S. A. (March, 2024). *Learning about viruses at home: The effect of anthropomorphic representations on children's thinking about viruses*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Pasadena, CA.

Mejia Gomez, L., **Menendez, D.**, & Gelman, S. A. (March, 2024). *They are more likely to get sick: Examining how children from three community contexts reason about COVID-19 contraction risk across social groups*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Pasadena, CA.

- Dhaliwal, T., Gelman, S. A., **Menendez, D.**, & Labotka, D. (March, 2024). *Beliefs about masks and vaccines for COVID-19 across three U.S. communities*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Pasadena, CA.
- Mathiaparanam, O. N., Donovan A.M., **Menendez, D.**, Jones, C., Yoo, S. H., Alibali, M.W., Kalish, C. W., & Rosengren, K. S. (July, 2023). *Teacher's attitudes on inheritance diagram perceptual features*. Poster presented at the 45th Annual Conference of the Cognitive Science Society, Sydney, Australia.
- Chan, K., **Menendez, D.**, Labotka, D., & Gelman, S. A. (May, 2023). *Children's use of social categories when thinking of viral transmission*. Poster presented at the UCLA Psychology Undergraduate Research Conference, Los Angeles, CA.
- Menendez, D.** (April, 2023). *The role of perceptual richness of e-books on informal evolution learning*. Poster presented at the Annual Meeting of the American Education Research Association, Chicago, IL.
- Trujillo-Hernandez, G., Yoo, S. H., **Menendez, D.**, Klapper, R., Rosengren, K. S. (March, 2023). *LCA of parent-child conversations about the COVID-19 pandemic*. Poster presented at the Biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
- Alcaraz-Carrión, D., **Menendez, D.**, Valenzuela, J., & Alibali, M.W. (July, 2022). *When cycles are lines: Time gesture in naturalistic and laboratory settings*. Poster presented at the 9th Conference of the International Society for Gesture Studies, Chicago, IL.
- Mathiaparanam, O. N., Donovan A.M., **Menendez, D.**, Jones, C., Yoo, S. H., Alibali, M.W., Kalish, C. W., & Rosengren, K. S. (July, 2022). *Perceptual features in visual representations: A content analysis of inheritance diagrams*. Poster presented at the 44th Annual Conference of the Cognitive Science Society, Toronto, Canada.
- Menendez, D.**, Rosengren, K. S., & Alibali, M. W. (April, 2022). *Bland images, rich talk: The role of perceptual richness in informal science learning*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Madison, WI.
- Trujillo-Hernández, G., Ünlütürk, B., Velioglu, I., **Menendez, D.**, & Rosengren, K. S. (April, 2022). *What is Coronavirus? Content analysis of children's books about COVID-19 in Turkey and the US*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Madison, WI.
- Menendez, D.**, Johnson, T. M., Hassett, R., Haut, A., Mathiaparanam, O. N., Alibali, M. W., & Rosengren, K. S. (July, 2020). *Characteristics of visualizations and texts in elementary school biology books*. Poster presented to the 42nd Annual Conference of the Cognitive Science Society, Virtual Meeting.
- Menendez, D.**, Meredith, L., & Alibali, M. W. (June, 2020). *Needing some space: Perceptual support influences encoding of the equal sign*. Presentation presented to the annual meeting of the Mathematical Cognition and Learning Society in Dublin, Ireland. [Cancelled due to COVID-19]
- Menendez, D.**, Ou, L., Yudelso, M. V., & Simmering, V. R. (October, 2019). *Inter-relatedness of pre-algebraic knowledge among middle school children*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Louisville, KY.
- Menendez, D.**, Ou, L., Yudelso, M. V., & Simmering, V. R. (October, 2019). *Inter-relatedness of pre-algebraic knowledge among middle school children*. Poster presented at ETCPS in Iowa City, IA.

- Bartel, A.N., Donovan A.M., **Menendez, D.**, Brown, S.B., Hogseth, T., & Alibali, M.W. (June, 2019). *Investigating the Influence of Textual and Graphical Framing on Problem Solving Accuracy and Strategy Use*. Poster presented at the Mathematical Cognition and Learning Society, Ottawa, Canada.
- Menendez, D.**, Alibali, M. W., & Rosengren, K. S. (July, 2018). Effects of priming variability on adults learning about metamorphosis. Poster presented at the 40th Annual Conference of the Cognitive Science Society, Madison, WI.
- Menendez, D.**, Brown, S. A., & Alibali, M. W. (May, 2018). *Effects of exposure, feedback and need for cognition on strategy change*. Poster presented at the Annual meeting of the Jean Piaget Society in Amsterdam, Netherlands.
- Menendez, D.**, Alibali, M. W., & Rosengren, K. S. (October, 2017). *Effects of priming variability on biological reasoning*. Poster presented at the Cognitive Development Society Bi-Ennial Conference in Portland, OR.
- Menendez, D.**, Brown, S. A., & Alibali, M. W. (July, 2017). *I'll do what she is doing: Promoting the adoption of new problem-solving strategies in undergraduates*. Poster presented at the 5th Annual Midwest Meeting on Mathematical Thinking, Minneapolis, MN.
- Menendez, D.**, Benjet, C., Borges, G., Albor, Y., Orozco, R., Medina-Mora, M. E. (May, 2017). *Adolescent Predictors of the Incidence of Suicide Related Outcomes in Young Adulthood*. Poster presented at the 28th APS Annual Convention, Boston, MA.
- Menendez, D.**, Rosengren, K. S., & Alibali, M. W. (April, 2017). *Do details bug you? Effects of Perceptual Richness in Biological Reasoning*. Poster presented at the Biennial meeting of the Society for Research in Child Development, Austin, TX.
- Menendez, D.**, Gutierrez, I. T., Jiang, M. J., & Rosengren, K. S. (May, 2016). *Embracing Death: Mexican Parent and Child Perspectives on Death*. Poster presented at the 28th APS Annual Convention, Chicago, IL.

PROFESSIONAL SERVICE

Ad hoc journal reviewer:

- *CBE-Life Science Education*
- *Child Development Perspectives*
- *Cognitive Development*
- *Cognitive Science*
- *Contemporary Educational Psychology*
- *Current Psychology*
- *Current Research in Behavioral Sciences*
- *Death Studies*
- *Developmental Psychology*
- *Early Education & Development*
- *Early Years*
- *Eurasia Journal of Mathematics, Science and Technology Education*
- *Frontiers in Psychology*
- *Human Behavior and Emergent Technologies*
- *International Journal of Behavioural Development*
- *Journal of Adolescent Health*
- *Journal of Cognition and Development*
- *Journal of Experimental Child Psychology*
- *Journal of Experimental Psychology: Applied*
- *Journal of Experimental Psychology: Human Perception and Performance*
- *Journal of Genetic Psychology*
- *Journal for the Study of Education and Development*
- *Mind, Brain, and Education*
- *Monographs for the Society of Research in Child Development*
- *PlosOne*

- *Translational Issues in Psychological Sciences*

Ad hoc conference reviewer:

- *National Association of Research in Science Teaching*

Editorial board member:

- *Early Education & Development*

Grant reviewer:

- *NSF Developmental Science review panel (2022, 2023, 2024)*
- *NSF EHR Core Research review panel (2022)*

Departmental service:

2024 *Junior faculty representative*

Service-related events:

2023 *Graduate practice interview workshop*
hosted by Margaret Echelbarger

2023 *Postdoctoral panel*
University of Michigan

2022 *Let's talk grad school* (group of students historically excluded from the academy),
hosted by Margaret Echelbarger

2021 *Let's talk grad school* (group of students historically excluded from the academy),
hosted by Margaret Echelbarger

2021 *Diverse graduate student panel*,
University of Wisconsin-Madison

2020 *Career pathways in educational research for policy, practice and advocacy*,
University of Texas- San Antonio

2020 *Psi Chi student hour*,
Northeastern Illinois University

2020 *Let's talk grad school* (group of students historically excluded from the academy),
hosted by Margaret Echelbarger

2017 *"Why should I do undergraduate research" panel*,
University of Wisconsin-Madison

TEACHING EXPERIENCE

Instructor

Fall 2023: Introduction to Psychological Statistics

Guest lectures

University of Wisconsin-Eau Claire

Fall 2023: Children's understanding of death

Spring 2024: Children's understanding of death

University of Michigan, Ann Arbor

Fall 2022: Word learning (part of an advanced course in language development)
Spring 2023: Word learning (part of advanced course in language development)

University of Wisconsin-Madison

Spring 2020: Introduction to Bayesian Statistics (part of graduate-level statistics course)
Conceptual Development (part of advanced course in cognitive development)
Spring 2021: Introduction to Bayesian Statistics (part of graduate-level statistics course)
Spring 2022: Conceptual Development (part of advanced course in cognitive development)
Introduction to Bayesian Statistics (part of graduate-level statistics course)

MENTORSHIP

Graduate students

Henrique Pereira Santos

Undergraduate students mentored in at UCSC

Andrew Tjoa
Audrey Yu
Katie Boren
Kie Koketsu
Layla Schoenfeld
Christine Lee
Jasmine Barragan

MEDIA COVERAGE

Child and family blog (March, 2020). <https://www.childandfamilyblog.com/child-development/how-do-young-children-make-sense-of-death/>

Learning & the brain (October, 2020). <https://www.learningandthebrain.com/blog/rich-or-bland-which-diagrams-helps-students-learn-deeply/>

COMMUNITY ENGAGEMENT

Co-created the “Visualizing Viruses” exhibit at the Museum of Natural History, University of Michigan.

PROFESSIONAL AFFILIATIONS

Society for Research in Child Development
American Education Research Association
Cognitive Science Society
Cognitive Development Society
Spark Society