

## Publications

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### JOURNAL ARTICLES

1. Singh, S. K., Kashyap, G. C., Sharma, H., Mondal, S., & Legare, C. H. (2023). Changes in discourse on unmet need for family planning among married women in india: Evidence from NFHS-5 (2019–2021). *Scientific Reports*, 13(1). <https://doi.org/10.1038/s41598-023-47191-9>
2. Clegg, J. M., Wen, N. J., & Legare, C. H. (2023). Cooperative signaling in the sandbox: Future directions for examining collective ritual in child development. *Religion, Brain & Behavior*, 1–3. <https://doi.org/10.1080/2153599x.2023.2214398>
3. McHugh, S. R., Callanan, M., Jaeger, G., Legare, C. H., & Sobel, D. M. (2023). Explaining and exploring the dynamics of parent–child interactions and children’s causal reasoning at a children’s museum exhibit. *Child Development*. <https://doi.org/10.1111/cdev.14035>
4. Rawlings, B. S., Davis, H. E., Anum, A., Burger, O., Chen, L., Morales, J. C. C., Dutra, N., Dzabatou, A., Dzokoto, V., Erut, A., Fong, F. T. K., Ghelardi, S., Goldwater, M., Ingram, G., Messer, E., Kingsford, J., Lew-Levy, S., Mendez, K., Newhouse, M., ... Legare, C. H. (2023). Quantifying quality: The impact of measures of school quality on children’s academic achievement across diverse societies. *Developmental Science*. <https://doi.org/10.1111/desc.13434>
5. Shavlik, M., Köksal, Ö., French, B. F., Haden, C. A., Legare, C. H., & Booth, A. E. (2022). Contributions of causal reasoning to early scientific literacy. *Journal of Experimental Child Psychology*, 224, 105509. <https://doi.org/10.1016/j.jecp.2022.105509>
6. Dutra, N. B., Chen, L., Anum, A., Burger, O., Davis, H. E., Dzokoto, V. A., Fong, F. T. K., Ghelardi, S., Mendez, K., Messer, E. J. E., Newhouse, M., Nielsen, M. G., Ramos, K., Rawlings, B., Santos, R. A. C. dos, Silveira, L. G. S., Tucker-Drob, E. M., & Legare, C. H. (2022). Examining relations between performance on non-verbal executive function and verbal self-regulation tasks in demographically-diverse populations. *Developmental Science*, 25(5). <https://doi.org/10.1111/desc.13228>
7. Davis, S., Rawlings, B., Clegg, J. M., Ikejimba, D., Watson-Jones, R. E., Whiten, A., & Legare, C. H. (2022). Cognitive flexibility supports the development of cumulative cultural learning in children. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-18231-7>
8. Burger, O., Hashmi, F., Dańko, M. J., Akhauri, S., Chaudhuri, I., Little, E., Lunkenheimer, H. G., Mondal, S., Mor, N., Saldanha, N., Schooley, J., Singh, P., Johnson, T., & Legare, C. H. (2022). Facilitating behavioral change: A comparative assessment of ASHA efficacy in rural bihar. *PLOS Global Public Health*, 2(8), e0000756. <https://doi.org/10.1371/journal.pgph.0000756>
9. Broesch, T., Little, E. E., Carver, L. J., & Legare, C. H. (2022). Still-face redux: Infant responses to a classic and modified still-face paradigm in proximal and distal care cultures. *Infant Behavior and Development*, 68, 101732. <https://doi.org/10.1016/j.infbeh.2022.101732>
10. Legare, C., Burger, O., Johnson, T., Mor, N., & Saldanha, N. (2022). Leverage the power of ritual to improve community health worker efficacy and public health outcomes: Lessons from bihar, india. *The Lancet Regional Health - Southeast Asia*, 1, 100006. <https://doi.org/10.1016/j.lansea.2022.04.002>
11. Burger, O., Chen, L., Erut, A., Fong, F. T. K., Rawlings, B., & Legare, C. H. (2022). Developing cross-cultural data infrastructures (CCDIs) for research in cognitive and behavioral sciences. *Review of Philosophy and Psychology*, 14(2), 565–585. <https://doi.org/10.1007/s13164-022-00635-z>
12. Fong, F. T. K., Nielsen, M., & Legare, C. H. (2022). Revisiting an extant framework: Concerns about culture and task generalization. *Behavioral and Brain Sciences*, 45. <https://doi.org/10.1017/s0140525x22001200>
13. Weisman, K., Legare, C. H., Smith, R. E., Dzokoto, V. A., Aulino, F., Ng, E., Dulin, J. C., Ross-Zehnder, N., Brahinsky, J. D., & Luhrmann, T. M. (2021). Similarities and differences in concepts of mental life among adults and children in five cultures. *Nature Human Behaviour*, 5(10), 1358–1368. <https://doi.org/10.1038/s41562-021-01184-8>
14. Luhrmann, T. M., Weisman, K., Aulino, F., Brahinsky, J. D., Dulin, J. C., Dzokoto, V. A., Legare, C. H., Lifshitz, M., Ng, E., Ross-Zehnder, N., & Smith, R. E. (2021). Reply to terhune and jamieson: The nature of absorption. *Proceedings of the National Academy of Sciences*, 118(32). <https://doi.org/10.1073/pnas.2109120118>
15. Rawlings, B. S., Legare, C. H., Brosnan, S. F., & Vale, G. L. (2021). Leveling the playing field in studying cumulative cultural evolution: Conceptual and methodological advances in nonhuman animal research. *Journal of Experimental Psychology: Animal Learning and Cognition*, 47(3), 252–273. <https://doi.org/10.1037/xan0000303>

16. Lunkenheimer, H. G., Burger, O., Akhauri, S., Chaudhuri, I., Dibbell, L., Hashmi, F. A., Johnson, T., Little, E. E., Mondal, S., Mor, N., Saldanha, N., Schooley, J., & Legare, C. H. (2021). Tradition, taste and taboo: The gastroecology of maternal perinatal diet. *BMJ Nutrition, Prevention & Health*, 4(2), 385–396. <https://doi.org/10.1136/bmjnp-2021-000252>
17. Little, E. E., Cioffi, C. C., Bain, L., Legare, C. H., & Hahn-Holbrook, J. (2021). An infant carrier intervention and breastfeeding duration: A randomized controlled trial. *Pediatrics*, 148(1). <https://doi.org/10.1542/peds.2020-049717>
18. Luhmann, T. M., Weisman, K., Aulino, F., Brahinsky, J. D., Dulin, J. C., Dzokoto, V. A., Legare, C. H., Lifshitz, M., Ng, E., Ross-Zehnder, N., & Smith, R. E. (2021). Sensing the presence of gods and spirits across cultures and faiths. *Proceedings of the National Academy of Sciences*, 118(5). <https://doi.org/10.1073/pnas.2016649118>
19. Köksal, Ö., Sodian, B., & Legare, C. H. (2021). Young children's metacognitive awareness of confounded evidence. *Journal of Experimental Child Psychology*, 205, 105080. <https://doi.org/10.1016/j.jecp.2020.105080>
20. Sobel, D. M., Letourneau, S. M., Legare, C. H., & Callanan, M. (2020). Relations between parent-child interaction and children's engagement and learning at a museum exhibit about electric circuits. *Developmental Science*, 24(3). <https://doi.org/10.1111/desc.13057>
21. Rawlings, B., & Legare, C. H. (2021). Toddlers, tools, and tech: The cognitive ontogenesis of innovation. *Trends in Cognitive Sciences*, 25(1), 81–92. <https://doi.org/10.1016/j.tics.2020.10.006>
22. Clegg, J. M., Wen, N. J., DeBaylo, P. H., Alcott, A., Keltner, E. C., & Legare, C. H. (2020). Teaching through collaboration: Flexibility and diversity in caregiver-child interaction across cultures. *Child Development*, 92(1). <https://doi.org/10.1111/cdev.13443>

## PREPRINTS

## BOOKS

## BOOK CHAPTERS

1. Peregrino, J. D., & Legare, C. H. (2022). Satisfying epistemic and existential needs. In *Multidisciplinary perspectives on representational pluralism in human cognition* (pp. 63–80). Routledge. <https://doi.org/10.4324/9781003189930-5>
2. Watson-Jones, R. E., Wen, N. J., & Legare, C. H. (2021). The psychological foundations of ritual learning. In *Handbook of advances in culture and psychology, volume 8* (pp. 163–194). Oxford University Press. <https://doi.org/10.1093/oso/9780190079741.003.0004>
3. Legare, C. (2023). Schools as cultural reproduction devices. In *Oxford handbook of cultural evolution*.
4. Legare, C. (2022). Explaining and solving practical problems supernaturally. In *Cognitive science of religion*.
5. Legare, C. (2022). Satisfying existential and epistemic needs: Representational pluralism among scientific domains. In *Representational pluralism: Perspectives from science education, psychology, philosophy, and the cognitive sciences*.
6. Legare, C. (2022). Teaching controversial topics such as evolutionary theory: Tips and tools. In *Free speech and intellectual diversity in higher education*.

# Professional Presentations

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**Symposium on “Just how special are humans really? Insights from science, philosophy, and theology on the mystery of human uniqueness”. Shaping intelligence: How development, culture, and technology transform human cognitive capacities.**

HARVARD UNIVERSITY, MUSEUM OF COMPARATIVE ZOOLOGY.

2022

**The coexistence of natural and supernatural explanations across cultures and development.**

RUTGERS UNIVERSITY, DEPARTMENT OF PHILOSOPHY. COGNITIVE SCIENCE OF RELIGION WORKSHOP.

2022

**The development and diversity of cumulative cultural learning.**

BROWN UNIVERSITY, DEPARTMENT OF COGNITIVE, LINGUISTIC, AND PSYCHOLOGICAL SCIENCES, BROWN SOCIAL COGNITIVE SEMINAR.

2022

**Symposium on, “Understanding children’s executive functions across diverse cultural settings”. Creating connections in child development: Linking education and executive functions for 21st century skills in the Global South.**

CAMBRIDGE UNIVERSITY, DEPARTMENT OF EDUCATION, CENTRE FOR RESEARCH ON PLAY IN EDUCATION, DEVELOPMENT & LEARNING (PEDAL).

2022

**“Adaptive constructive processes in memory, imagination, and creativity” presented by Daniel Schacter. Precision convergence webinar series.**

THE MCGILL CENTRE FOR THE CONVERGENCE OF HEALTH AND ECONOMICS (MCCHE) AT MCGILL UNIVERSITY AND THE PITTSBURGH SUPERCOMPUTING CENTER, A JOINT COMPUTATIONAL RESEARCH CENTER BETWEEN CARNEGIE MELLON UNIVERSITY AND THE UNIVERSITY OF PITTSBURGH.

2022

**Shaping intelligence: How development, culture, and technology transform human cognitive capacities.**

HARVARD UNIVERSITY, MUSEUM OF COMPARATIVE ZOOLOGY.

2021

**The development and diversity of cumulative cultural learning.**

POLISH SOCIETY FOR HUMAN AND EVOLUTION STUDIES. 7TH ANNAL INTERNATIONAL CONFERENCE: HUMANS IN EVOLUTIONARY PERSPECTIVE.

2021

**Rituals for a reason: New habits in the time of COVID-19.**

THE SCIENCE AND ENTERTAINMENT EXCHANGE: A PROGRAM OF THE NATIONAL ACADEMY OF SCIENCES.

2021

**Perinatal risk and the cultural ecology of health in Bihar, India.**

ASHOKA UNIVERSITY, CENTRE FOR SOCIAL AND BEHAVIOURAL CHANGE.

2021

**The development and diversity of cumulative cultural learning.**

THE UNIVERSITY OF TEXAS AT AUSTIN, DEPARTMENT OF CLASSICS.

2021

## Conference Abstracts

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## Honors

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## Funding

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**AccelNet-Implementation: Harnessing Global Science Networks to Accelerate Cultures of Learning**

FUNDING: \$1,999,981

Directorate for Social, Behavioral & Economic Sciences, 2301992  
2023 - 2026

**Does big culture require big brains? Collective intelligence in roaches and rats**

FUNDING: \$234,000

Templeton World Charity Foundation,  
2022 - 2024

**Spiritualization through artistic activity and training**

FUNDING: \$234,000

Templeton Religion Trust,  
2022 - 2023

**Young wives: An exploratory study of married women under twenty and the socio- cultural determinants of family planning in low resource settings in India**

FUNDING: \$200,000

National Academy of Sciences, USAID, NSF, NIH,  
2021 - 2023

**AccelNet-Design: Harnessing Global Science Networks to Accelerate Cultures of Learning**

FUNDING: \$249,763

Office of the Director, 2114731  
2021 - 2023

**The consequences of formal education for science and religion**

FUNDING: \$3,400,000

Templeton Religion Trust,  
2019 - 2023

**Examining global variation in beliefs and behaviors related to COVID-19 vaccination**

FUNDING: \$30,000

Co-Funded by the Office of the Associate Dean for Research and Graduate Studies (College of Liberal Arts) & Vice President for Research (VPR), The University of Texas at Austin. ,  
2021 - 2022

## Cultural variation in adults' beliefs about conformity in children

FUNDING: \$10,000

## Capturing the value of mixed methodologies

FUNDING: \$100,000

## The Development of Teaching and Social Learning Across Cultures

FUNDING: \$905,631

## Examining variation in belief about COVID-19 within Texas

FUNDING: \$10,000

## Examining global variation in beliefs about COVID-19

FUNDING: \$25,000

## Play and learning across a year (PLAY Project)

FUNDING: \$18,527

## Supporting adults as children's learning facilitators: A museum-university research partnership

FUNDING: \$244,667

## Examining the foundations of cultural intelligence through behavioral flexibility

FUNDING: \$234,000

Global Faculty Research Seed Grant,  
The University of Texas at Austin. ,  
2021 - 2022

Bill and Melinda Gates Foundation,  
2020 - 2022

Directorate for Social, Behavioral &  
Economic Sciences, 1730678  
2017 - 2022

Vice President for Research (VPR)  
Research & Creative Grant, The  
University of Texas at Austin. ,  
2020 - 2021

Population Research Center, The  
University of Texas at Austin. ,  
2020 - 2021

National Institutes of Health,  
2019 - 2021

Institute of Museum and Library  
Services,  
2019 - 2021

Templeton World Charity  
Foundation, 0312  
2018 - 2021

# Service

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## The University of Texas at Austin Department of Psychology

HIRING PLANNING COMMITTEE

Austin, US  
2022 - present

## Human Nature (journal)

CONSULTING EDITOR

N/A, US  
2021 - present

## European Human Behaviour and Evolution Association

CONSULTING EDITOR

N/A, GB  
2019 - present

## The University of Texas at Austin

MENTORED HONORS THESES FOR MAITREYI VARTAK AND RUTH BEFEKADU

Austin, US  
2023 - 2024

## The University of Texas at Austin

MENTORED UNDERGRADUATE RESEARCH ASSISTANTS: NASHITHA AZEEZ, RUTH BEFEKADU, DANIELA ESQUIVEL CANTU, KIERA DICESARE, MERYL JIANG, SANNIDHI KOGANTI, CAITLYN PETESCIA, HARRISON STOTTS, LEKHA SURAPANENI, MAITREYI VARTAK, MAITREYI VARTAK, IRENE WANG

Austin, US

2023 - 2024

## The University of Texas at Austin Department of Psychology

ELECTED MEMBER OF THE EXECUTIVE COMMITTEE

Austin, US  
2021 - 2023

## Cognitive Development Society

ELECTED BOARD MEMBER

Madison, US  
2017 - 2023

## The University of Texas at Austin Department of Psychology

FACULTY SEARCH COMMITTEE

Austin, US  
2021 - 2022

## Mentorship

MENTOR

Austin, US  
2021 - 2022

## Cognition (journal)

EDITORIAL BOARD MEMBER

N/A, US  
2017 - 2021

# Mentoring and Teaching

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## MENTORING

**Alejandro Erut (postdoctoral researcher)**

MENTOR

2021 - present

**Faiz Hashmi (PhD student)**

MENTOR

2020 - present

**Jesse Peregrino (PhD student)**

MENTOR

2019 - present

**Berivan Barin, Sampreeti Bingi, Brandon Cambre, Hui Feng, Rachel Hershmann, Meryl Jiang, Sohmee Kim, Sannidhi Koganti, Katie Nguyen, Leo Pratt, Amani Saleh, Vennila Satheesh, Jedsada Thavornfung, Evan Zou (undergraduate students)**

MENTOR

2022 - 2023

**Oskar Burger (postdoctoral researcher)**

MENTOR

2018 - 2022

**Andrea Bongiovanni, Rachel Capao, Christian Denolan, Jana Fahkreddine, Kaya Gorsline, Abilio Sanchez, Dakota Tate, Yuchen Tian, Juolin Tsai, Yuhan Wang, Musmin Zar, Keyifan Zhao, Quan Zhou (undergraduate students)**

MENTOR

2020 - 2021

**Frankie Fong (visiting postdoctoral researcher)**

MENTOR

2019 - 2021

**Afshan Kamrudin (postdoctoral researcher)**

MENTOR

2019 - 2021

**Bruce Rawlings (postdoctoral researcher)**

MENTOR

2018 - 2021

**Emily Messer (postdoctoral researcher)**

MENTOR

2018 - 2021

## TEACHING

**PSY 341K • Cogn Science Of Religion (spring 2021)**

INSTRUCTOR

2021 - 2021

**PSY 394U • Coevol Of Cognition/Culture**

INSTRUCTOR

2021 - 2021

**PSY 341K • Cogn Science Of Religion (fall 2021)**

INSTRUCTOR

2021 - 2021