

AMRITPAL SINGH

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EDUCATION & TRAINING

Rutgers University, New Brunswick, NJ

Postdoctoral Associate, Quantitative Development Lab (PI: Michelle Hurst) 2024 - Present

Cornell University, Ithaca, NY

Ph.D., Developmental Psychology, Minor in Cognitive Science 2024

Dissertation title: *Cultural Foundations of Abstract Thought*

Committee: Daniel Casasanto (PI), Laurent Dubreuil, Felix Thoemmes, Qi Wang

M.A. 2021

University of Chicago, Chicago, IL

Visiting Ph.D. Student, Dept. of Psychology Summer 2019

St. John's College, Annapolis, MD

B.A., Liberal Arts (Philosophy and History of Mathematics & Science) 2015

AWARDS AND FUNDING

Cognitive Science @ Cornell Research Award (internal research grant; \$1,000) 2023 – 2024

Flora Rose Summer Fellowship (internal fellowship; \$6,339) 2023

Cognitive Science @ Cornell Travel Award (internal travel grant) 2023

Cognitive Science @ Cornell Research Award (internal research grant; \$1,000) 2022 – 2023

National Defense Science and Engineering Graduate Fellowship (external fellowship; \$123,800) 2019 – 2022

Travel Grant to The 2nd Biennial Heterodoxy in Psychology Conference (external student travel grant) 2019

Cognitive Science @ Cornell Travel Award (internal travel grant; \$500) 2019

Cornell Graduate School Travel Grant (internal travel grant) 2019

Cornell Graduate School Travel Grant (internal travel grant) 2018

Toni McBride Wellness Scholarship (internal award) 2017

Hodson Trust Internship Grant (external funding for summer internship; \$4,000) 2015

Honorable Mention, Greek Translation Prize (St. John's College) 2015

Hodson Trust Internship Grant (external funding for summer internship) (\$3,600) 2014

Hodson Trust Internship Grant (external funding for summer internship) (\$3,200) 2013

HERO Campaign Scholarship 2011

Absecon Lion's Club Scholarship 2011

JOURNAL PUBLICATIONS (* student mentee co-author)

- Singh, A.**, Su, S. *, Ning, J.V. *, & Casasanto, D. (Submitted). *Abstract Cognition Across Cultures*.
- Singh, A.**, & Casasanto, D. (Under Review). *Do Ancient Philosophies Help Us Understand Modern Psychologies?*
- Dudik, R. P., Berghea, C. T., Roberts, T. P., Grisé, F., **Singh, A.**, Pagano, R., & Winter, L. M. (2016). Spitzer IRAC observations of IR excess in Holmberg IX X-1: A circumbinary disk or a variable jet? *The Astrophysical Journal*, 831(1), 88.
- Casasanto, D. & **Singh, A.** (In prep.). *The geography of sport: The domain-specificity of cultural mindsets*.
- Rosen, R., Staum Casasanto, L., **Singh, A.**, & Casasanto, D. (In prep.). *Is that a gun? Race, dialect, and violence stereotype*.

INVITED TALKS

- Singh, A.** (2024, April). *Abstract Cognition across Cultures*. Invited talk given to Quantitative Development Lab, Rutgers University, New Brunswick, USA.
- Singh, A.** (2024, July). *Cognitive diversity in abstract thought: Cultural differences in event construal and analogical reasoning*. Invited talk given at Linguistic and Cognitive Science meet Diversity workshop, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- Singh, A.**, & Casasanto, D. (2022, May). *Do ancient philosophies help us understand modern psychologies?* Invited talk given at The Art and Science of Thinking: A Transdisciplinary Workshop, Cornell University, Ithaca, USA.
- Singh, A.** (2021, December). *Abstract Thought across Cultures*. Invited talk given to Language and Cognition Lab, Stanford University, Stanford, USA.
- Singh, A.**, & Pagano, R. (2014, August). *Investigating Black Holes in Dusty Environments: A Spitzer Infrared Study of Ultra-Luminous X-Ray Sources*. Invited talk given at United States Naval Observatory, Washington, D.C., USA.

TALKS

- Singh, A.**, (2023, May). *Not a form, not a swarm: Beauty as family resemblance*. Talk given at 1st Beauty at Work Symposium. Catholic University of America, Washington, D.C., USA.
- Singh, A.**, Li, M., & Casasanto, D. (2021, February). *Culture, time, and abstract thought*. Data blitz presentation at 5th Annual Advances in Cultural Psychology Pre-conference for 22nd Annual Meeting of the Society for Personality and Social Psychology (SPSP), Virtual conference.

PAPER PRESENTATIONS

- Singh, A.**, & Casasanto, D. (2021, September). *Do ancient philosophies help us understand modern psychologies?* Paper presented at 28th Conference of the European Society for Philosophy and Psychology, Leipzig, Germany.
- Singh, A.**, Wang, Q., & Casasanto, D. (2019, July). *Seeing the big picture: Do some cultures think more abstractly than others?* Paper presented at 41st Annual Conference of the Cognitive Science Society, Montreal, Canada.
- Rosen, R., Staum Casasanto, L., **Singh, A.**, & Casasanto, D. (2018, July). *Black dialect activates violent stereotypes*. Paper presented at 40th Annual Conference of the Cognitive Science Society, Madison, USA.

- Casasanto, D., **Singh, A.**, & Wang, Q. (2017, November). *The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets*. Paper presented at 58th Annual Meeting of the Psychonomic Society, Vancouver, Canada.
- Staum Casasanto, L., Rosen, R., **Singh, A.**, & Casasanto, D. (2017, November). *Is that a gun? Race, dialect, and violence stereotype*. Paper presented at 46th New Ways of Analyzing Variation Conference, Madison, USA.
- Singh, A.** (2015, March). *Epimeleia in Aristotle and Heidegger*. Paper presented at Association of Core Texts and Courses Conference, Dallas, USA.

POSTER PRESENTATIONS (* student mentee co-author)

- Jani, H. *, **Singh, A.**, Hurst, M.A. (2025, September). *How do visual formats affect children's proportional reasoning?* Poster to be presented at Project SUPER Research Symposium, Rutgers University, New Brunswick, USA.
- Gestland, J. *, **Singh, A.**, Hurst, M.A. (2025, July). *Does temporal abstraction affect probability judgements?* Poster presented at Summer Research Symposium, Rutgers University, New Brunswick, USA.
- Singh, A.**, Dadika, P., Quilty-Dunn, J., & Hurst, M.A. (2025, July). *Does spatial separation impede encoding of the whole?* Poster presented at 47th Annual Conference of the Cognitive Science Society, San Francisco, USA.
- Karpel, R., Morgan, O.P., **Singh, A.**, Yap, D.F., Brookshire, G., Pawletko, K., & Casasanto, D. (2025, July). *Replication of Prefrontal Asymmetry in Approach-Avoidance Motivation in fMRI*. Poster presented at 47th Annual Conference of the Cognitive Science Society, San Francisco, USA.
- Singh, A.**, Dadika, P., Quilty-Dunn, J., & Hurst, M.A. (2025, June). *Does spatial separation impede encoding of the whole?* Poster presented at 51st Annual Meeting of the Society for Philosophy and Psychology, Ithaca, USA.
- Singh, A.**, & Casasanto, D. (2023, July). *Abstract thought across 4 cultures*. Poster presented at 45th Annual Conference of the Cognitive Science Society, Sydney, Australia.
- Singh, A.**, (2022, July). *Abstract thought across cultures*. Poster presented at 3rd National Defense Science and Engineering Graduate (NDSEG) Fellows Conference, Boston, USA.
- Singh, A.**, Su, S. *, Jiang, L., & Casasanto, D. (2021, November). *Cultural differences in analogical reasoning*. Poster presented at 62nd Annual Meeting of the Psychonomic Society, Virtual conference.
- Singh, A.**, & Casasanto, D. (2021, July). *Do ancient philosophies help us understand modern psychologies?* Poster presented at 43rd Annual Conference of the Cognitive Science Society, Vienna, Austria.
- Singh, A.**, Su, S. *, Jiang, L., & Casasanto, D. (2021, July). *Cultural differences in analogical reasoning*. Poster presented at 43rd Annual Conference of the Cognitive Science Society, Vienna, Austria.
- Singh, A.**, Su, S. *, & Casasanto, D. (2020, November). *Analogical reasoning across cultures*. Poster presented at the 2nd Annual Culture and Cognition Pre-conference for 61st Annual Meeting of the Psychonomic Society, Virtual conference.
- Singh, A.**, Li, M. *, Su, S. *, & Casasanto, D. (2020, September). *Cultural differences in the interpretation of verb phrases*. Poster presented at 1st Meeting of Experiments in Linguistic of Meaning, Virtual conference.
- Casasanto, D., **Singh, A.**, & Wang, Q. (2019, November). *The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets*. Poster presented at the 1st Culture and Cognition Pre-conference for the 60th Annual Meeting of the Psychonomic Society, Montreal, Canada.
- Singh, A.**, Wang, Q., & Casasanto, D. (2018, November). *Do Westerners think more abstractly than East Asians?* Poster presented at 59th Annual Meeting of the Psychonomic Society, New Orleans, USA.

Casasanto, D., **Singh, A.**, & Wang, Q. (2018, July). *The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets*. Poster presented at 40th Annual Conference of the Cognitive Science Society, Madison, USA.

TEACHING & MENTORSHIP

Teaching:

Instructor, Introduction to Cognitive Science, Cornell University	2024
Instructor, Ideas of the Mind in Philosophy, Science, and Literature, Cornell University	2024
Co-host, Sprocket: The Cognitive Science Film Series (film seminar series), Cornell University	2023
TA, Human Brain & Mind: An Introduction to Cognitive Neuroscience, Cornell University	2023
TA, Language and Power, Cornell University	2023
TA, Human Brain & Mind: An Introduction to Cognitive Neuroscience, Cornell University	2022
TA, Cultural Psychology, Cornell University	2019
Invited guest lecture for Cultural Psychology: <i>Culture and Perception</i>	2019
TA, Human Brain & Mind: An Introduction to Cognitive Neuroscience, Cornell University	2018

Master student supervision: Bingjie Liu, Luyang Jiang, Mingtong Li*, Shikun Su, Zhiyi Wang

Undergraduate honors thesis supervision: Aileen Roldan, Madi Howell

Undergraduate research assistant supervision:

Aidel Townsley	Brian Kim	Cassidy Salentine*	Cordelia Aachen	Corrine Roma*
Hailey Jani	Jessica Diaz	Jiangxue Ning*	Julia Schoellkopf	Jun Gestland
Kamilah Scales	Khushi Seth	Lucas Evans	Radha Pandya	Ryan Sanfillippo

* Went on to psychology graduate program

SERVICE

Editorial board: Theoretical and Philosophical Psychology (Frontiers in Psychology) 2021 – Present

Ad hoc reviewer:

Memory & Cognition; Journal of Cognitive Psychology; International Journal of Bilingualism, TopiCS

Departmental service:

Graduate Studies Committee, Dept. of Psychology, Cornell University	2018 – 2020
Graduate student panels, Dept. of Psychology, Cornell University	2023, 2020, 2019
Created fellowship database for Cornell Human Development & Psychology graduate students.	
Trained 14 members of the University of Chicago Psychology Dept. on TMS.	

Outreach and community:

Co-organized and curated <i>The Beautiful Brain</i> , a neuroscience art exhibit at Cornell University.	2024
St. John's College Alumni Association Board; director.	2020 – 2025
Humanities Lab, forum for scholars at the interface of the sciences and humanities; member.	2020 – 2024
Neurophilosophy Discussion Group, a University of Chicago interdisciplinary group covering topics in neuroscience, cognitive science, and philosophy; cofounder.	2017 – 2023

Free Science on the Go! Outreach program; science demonstrator.	2019
PRYDE Career Ex mentoring session.	2019
ELSO Discussion program for international students to practice English; discussion facilitator.	2019
The Think Tank, a mobile neuroscience outreach lab; Led demos and maintained mobile lab van.	2016 – 2017

SKILLSETS

Programming and software: R, Python, HTML, CSS, JavaScript, Millisecond; JSPsych, Inquisit,

Spoken languages: (Fluent) English, Punjabi; (Basic) Hindi, Urdu

Research skills: Behavioral experiments, Online experiments, Transcranial Magnetic Stimulation (Magstim system); Statistical methods (mixed effects models)