

# AMRITPAL SINGH

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## EDUCATION & TRAINING

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### **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

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*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 2<sup>nd</sup> 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

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- Singh, A.**, & Casasanto, D. (Submitted). Do Ancient Philosophies Help Us Understand Modern Psychologies?
- Singh, A.**, Su, S., Ning, J.V., & Casasanto, D. (Submitted). Abstract Cognition Across Cultures.
- 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.

## INVITED TALKS

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- 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

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- Singh, A.**, (2023, May). *Not a form, not a swarm: Beauty as family resemblance*. Talk given at 1<sup>st</sup> 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 5<sup>th</sup> Annual Advances in Cultural Psychology Pre-conference for 22<sup>nd</sup> Annual Meeting of the Society for Personality and Social Psychology (SPSP), Virtual conference.

## PAPER PRESENTATIONS

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- Singh, A.**, & Casasanto, D. (2021, September). *Do ancient philosophies help us understand modern psychologies?* Paper presented at 28<sup>th</sup> 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 41<sup>st</sup> 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 40<sup>th</sup> 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 58<sup>th</sup> 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 46<sup>th</sup> 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

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- Singh, A.**, Dadika, P., Quilty-Dunn, J., & Hurst, M.A. (2025, July). *Spatial separation impedes encoding of the whole*. Poster to be presented at 47<sup>th</sup> 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 to be presented at 47<sup>th</sup> Annual Conference of the Cognitive Science Society, San Francisco, USA.
- Singh, A.**, Dadika, P., Quilty-Dunn, J., & Hurst, M.A. (2025, June). *Spatial separation impedes encoding of the whole*. Poster to be presented at 51<sup>st</sup> Annual Meeting of the Society for Philosophy and Psychology, Ithaca, USA.
- Singh, A.**, & Casasanto, D. (2023, July). *Abstract thought across cultures*. Poster presented at 45<sup>th</sup> Annual Conference of the Cognitive Science Society, Sydney, Australia.
- Singh, A.**, (2022, July). *Abstract thought across cultures*. Poster presented at 3<sup>rd</sup> 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 61<sup>st</sup> Annual Meeting of the Psychonomic Society, New Orleans, USA.
- Singh, A.**, & Casasanto, D. (2021, July). *Do ancient philosophies help us understand modern psychologies?* Poster presented at 43<sup>rd</sup> 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 43<sup>rd</sup> 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 2<sup>nd</sup> Annual Culture and Cognition Pre-conference for 61<sup>st</sup> 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 1<sup>st</sup> Meeting of Experiments in Linguistic 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 1<sup>st</sup> Culture and Cognition Pre-conference for the 60<sup>th</sup> 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 59<sup>th</sup> 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 40<sup>th</sup> Annual Conference of the Cognitive Science Society, Madison, USA.

## TEACHING & MENTORSHIP

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### 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: *Culture and Perception*

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

**Research assistant supervision:**

Aidel Townsley	Brian Kim	Cassidy Salentine	Cordelia Aachen	Corrine Roma
Jessica Diaz	Jiangxue Ning*	Julia Schoellkopf	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

**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 (MagStim system).

**Outreach and community:**

Co-organized and curated *The Beautiful Brain*, 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; Statistical methods