

# AMRITPAL SINGH

Rutgers Center for Cognitive Science, 152 Frelinghuysen Rd, Piscataway, NJ 08854

amritpal.mp.singh@rutgers.edu ♦ (609) 453 – 4849

## EDUCATION & TRAINING

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### **Rutgers University, New Brunswick, NJ**

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

### **Cornell University, Ithaca, NY**

Ph.D., Dept. of Psychology, Minor in Cognitive Science 2024

M.A., Dept. of Psychology 2021

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

### **University of Chicago, Chicago, IL**

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

### **St. John's College, Annapolis, MD**

B.A., Liberal Arts 2015

## RESEARCH INTERESTS

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Abstract Thought - Relational Cognition & Perception - Cognition & Culture - Philosophy of Mind

## AWARDS

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Cognitive Science @ Cornell Research Award 2023 – 2024

Flora Rose Summer Fellowship 2023

Cognitive Science @ Cornell Travel Award 2023

Cognitive Science @ Cornell Research Award 2022 – 2023

National Defense Science and Engineering Graduate Fellowship (3-year extramural fellowship) 2019 – 2022

Travel Award to 2<sup>nd</sup> Biennial Heterodoxy in Psychology Conference 2019

Cognitive Science @ Cornell Travel Award 2019

Cornell Graduate School Travel Grant 2019

Cornell Graduate School Travel Grant 2018

Toni McBride Wellness Scholarship 2017

Hodson Trust Internship Grant (internship at University of Chicago) 2015

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

Hodson Trust Internship Grant (internship at Georgetown University) 2014

Hodson Trust Internship Grant (internship at US Naval Observatory) 2013

HERO Campaign Scholarship 2011

Absecon Lion's Club Scholarship 2011

## PAPERS & PRESENTATIONS

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- 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. (2023, July). *Abstract thought across cultures*. Poster presented at 45<sup>th</sup> Annual Conference of the Cognitive Science Society, Sydney, Australia.
- Singh, A.** (2023, May). *Not a form, not a swarm: Beauty as family resemblance*. Paper presented at 1st Beauty at Work Symposium. Catholic University of America, Washington, D.C.
- Singh, A.** (2022, July). *Abstract thought across cultures*. Poster presented at 3rd National Defense Science and Engineering Graduate (NDSEG) Fellows Conference, Boston, MA.
- Singh, A.,** & Casasanto, D. (2022, May). *Do ancient philosophies help us understand modern psychologies?* Paper presented at The Art and Science of Thinking: A Transdisciplinary Workshop, Cornell University, Ithaca, NY.
- Singh, A.** (2021, December). *Abstract thought across cultures*. Invited talk given to Language and Cognition Lab, Stanford University, Stanford, CA.
- 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, LA.
- 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.,** & 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.,** 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.
- 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 1st 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 Inaugural 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. (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.
- 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, LA.
- 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, WI.
- 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, WI.

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, WI.

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.

**Singh, A.** (2015, March). *Epimeleia in Aristotle and Heidegger*. Paper presented at Association of Core Texts and Courses Conference, Dallas, TX.

**Singh, A.**, & Pagano, R. (2014, August). *Investigating Black Holes in Dusty Environments: A Spitzer Infrared Study of Ultra-Luminous X-Ray Sources*. Paper presented at United States Naval Observatory, Washington, D.C.

### **Manuscripts in progress:**

**Singh, A.**, & Casasanto, D. (Submitted). Do Ancient Philosophies Help Us Understand Modern Psychologies?

**Singh, A.**, Su, S., & Casasanto, D. (Submitted). Analogical Reasoning Across Cultures.

**Singh, A.** & Casasanto, D. (In prep). Event Cognition Across Cultures.

Casasanto, D. & **Singh, A.** (In prep). The Geography of Sport: Evidence for the Domain-Specificity of Cultural Mindsets.

## **RESEARCH EXPERIENCE**

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Ph.D. Student with Daniel Casasanto, <b>Cornell University</b>	08.18 – 08.24
Lab manager for Daniel Casasanto, <b>University of Chicago &amp; Cornell University</b>	07.16 – 08.18
R.A. for Shobita Satyapal, Dept. of Physics & Astronomy, <b>George Mason University</b>	09.15 – 05.16
R.A. for Molly Flaherty, Geoffrey Brookshire, & Benjamin Pitt, <b>University of Chicago</b>	06.15 – 08.15
R.A. for Yulia Chentsova-Dutton & Elisabeth McClure, <b>Georgetown University</b>	05.14 – 08.14
R.A. for Rachel Dudik & Ciprian Berghea, Dept. of Astrometry, <b>US Naval Observatory</b>	05.13 – 08.13

## **TEACHING & MENTORSHIP**

### **Teaching interests:**

Cognitive Science      Neuroscience      Philosophy of Mind      Cultural Psychology      Research Methods

### **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 lecturer for Cultural Psychology: <i>Culture and Perception</i>	2019
TA, Human Brain & Mind: An Introduction to Cognitive Neuroscience, Cornell University	2018

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

**Research assistant supervision:** Aidel Townsley, Brian Kim, Cassidy Salentine, Cordelia Aachen, Corrine Roma, Jessica Diaz, Jiangxue Ning, Kamilah Scales, Lucas Evans, Radha Pandya

## SERVICE

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**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. in single-pulse TMS.

### 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 – Present

Humanities Lab, forum for scholars at the interface of the sciences and humanities; member. 2020 – Present

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; tankmaster and demonstrator. 2016 – 2017

## SKILLSETS

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**Programming and software:** R, Python, HTML, CSS, JavaScript, Millisecond

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

**Research methods:** Behavioral experiments, Online experiments (e.g., Prolific, Qualtrics, Inquisit, MTurk, etc.), Transcranial Magnetic Stimulation, fMRI