

# Judy Sein Kim

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## Academic Appointments

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| 2022 – current | Postdoctoral Research Associate in the Cognitive Science of Morality<br>Princeton University<br>University Center for Human Values<br>Advisor: Molly Crockett |
| 2020 – 2022    | Postdoctoral Fellow<br>Yale University<br>Department of Psychology<br>Advisor: Molly Crockett   |

## Education

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| 2014 – 2020 | PhD, Cognitive Psychology<br>Johns Hopkins University<br>Psychological and Brain Sciences<br>Advisor: Marina Bedny<br>Dissertation: “Visual” knowledge in the absence of visual experience |
| 2009 – 2013 | BA, Linguistics & Psychology, magna cum laude<br>Georgetown University<br>Advisor: Maximilian Riesenhuber  |

## Peer-Reviewed Publications

\*: joint first-authors, +: advised undergraduate students

1. **Kim, J.S.**, Crockett, M.J. (2022). Narrating the “what” and “why” of our moral actions. *Proceedings of the Cognitive Science Society Conference*.
2. Tian, M. Saccone, E., **Kim, J.S.**, Kanjlia, S., & Bedny, M. (2022). Sensory modality and spoken language shape reading network in blind readers of Braille. *Cerebral Cortex*.

3. **Kim, J.S.**, Aheimer, B.+, Montané-Manrara, V.+, Bedny, M. (2021). Shared understanding of color among sighted and blind adults. *Proceedings of the National Academy of Sciences*.
4. Everett, J.A.C, Colombatto, C., Awad, E., Boggio, P., Bos, B., Brady, W.J., Chawla, M., Chituc, V., Chung, D., Drupp, M.A., Goel, S., Grosskopf, B., Hjorth, F., Ji, A., Kealoha, C., **Kim, J.S.**, Lin, Y., Ma, Y., Marechal, M.A., Mancinelli, F., Mathys, C., Olsen, A.L., Pearce, G., Prosser, A., Reggev, N., Sabin, N., Senn, J., Shin, Y.S., Sinnott-Armstrong, W., Sjustad, Hallgeir, Strick, M., Sul, S., Tummers, L., Turner, M., Yu, H., Zoh, Y., Crockett, M.J. (2021). Moral dilemmas and trust in leaders during a global health crisis. *Nature Human Behavior*.
5. Liu, Y.F., **Kim, J.S.**, Wilson, C., Bedny, M. (2020). Computer code comprehension shares neural resources with formal logic inference in the fronto-parietal network. *eLife*.
6. Damera, S., Martin, J. G., Scholl, C., **Kim, J.S.**, Glezer, L., Malone, P. S., & Riesenhuber, M. (2020). From shape to meaning: evidence for multiple fast feedforward hierarchies of concept processing in the human brain. *NeuroImage*.
7. **Kim, J.S.**, Elli, G., Bedny, M. (2019a). Knowledge of animal appearance among blind and sighted individuals. *Proceedings of the National Academy of Science*.
8. Glezer, L., Jiang, X., Luetje, M., Napoliello, E., **Kim, J.S.**, Riesenhuber, M., Eden, G. (2019). An fMRI-adaptation study of phonological and orthographic selectivity to written words in adults with poor reading skills.” *Brain and Language*.
9. **Kim, J.S.**, Kanjlia, S., Merabet, L. B., & Bedny, M. (2017). Development of the visual word form area requires visual experience: Evidence from blind Braille readers. *The Journal of Neuroscience*.
10. Malone, P. S., Glezer, L. S., **Kim, J.S.**, Jiang, X., & Riesenhuber, M. (2016). Multivariate pattern analysis reveals category-related organization of semantic representations in anterior temporal cortex. *The Journal of Neuroscience*.
11. Glezer, L. S., Eden, G., Jiang, X., Luetje, M., Napoliello, E., **Kim, J.S.**, & Riesenhuber, M. (2016). Uncovering phonological and orthographic selectivity across the reading network using fMRI-RA. *NeuroImage*.
12. Glezer, L.S., **Kim, J.S.**, Rule, J., Jiang, X., & Riesenhuber, M. (2015). Adding words to the brain's visual dictionary: novel word learning selectively sharpens orthographic representations in the VWFA. *The Journal of Neuroscience*.

## Reviews/Letters/Chapters

13. Manalili, M.A.R., Pearson, A., Sulik, J., Creechan, L., Elsherif, M. M., Murkumbi, I., Azevedo, F., Bonnen, K., **Kim, J.S.**, Kording, K., Lee, J., Obscura, Kapp, S., Roer, Jp.P., Morstead, T. (2022). From Puzzle to Progress: How engaging with Neurodiversity can improve Cognitive Science. *Cognitive Science*.
14. **Kim, J.S.**, Elli, G., Bedny, M. (2019b). Reply to Ostarek et al.: Language, but not co-occurrence statistics, is useful for learning animal appearance. *Proceedings of the National Academy of Science*.
15. **Kim, J.S.**, Elli, G., Bedny, M. (2019c). Reply to Lewis et al.: Inference is key to learning appearance from language, for humans and distributional semantic models alike. *Proceedings of the National Academy of Science*.

## Manuscripts Under Review/In Prep

16. **Kim, J.S.** & Crockett, M.J. (in prep). The function and construction of moral narratives.
17. **Kim, J.S.\***, Colombatto, C\*, & Crockett, M.J. (in prep). I see where you are going: Persuasion goals in moral narratives influences character impressions.
18. McClinton, Z., Bedny, M., & **Kim, J.S.** (in prep). Why blueberries are ‘blue’: Intuitions about color labels among congenitally blind and sighted adults.
19. **Kim, J.S.** & Bedny, M. (in prep). Redder reds, redder oranges, but not redder blues: Color gradability knowledge among congenitally blind and sighted adults.

## Honors & Awards

2022	<i>Robert J. Glushko Dissertation Prize</i> – Cognitive Science Society
2019	<i>G. Stanley Hall’s Scholar Award</i> - Johns Hopkins University
2019	<i>Travel Award</i> - Society for Philosophy and Psychology Conference
2018	<i>Neurolinguistics Dissertation Fellowship</i> - Willing Orr Dingwall Foundation
2016	<i>William L. Clark Teaching Award</i> - Johns Hopkins University

2015	<i>Graduate Student Abstract Merit Award</i> - Society for Neurobiology of Language Conference
2014 – 2017	<i>Owen Scholars Fellowship</i> - Johns Hopkins University
2013	<i>Regent's Citation, Faculty for Languages and Linguistics</i> - Georgetown University
2011	<i>NSF Workshop in Cognitive Neuroscience</i> - University of Pennsylvania
2010	Georgetown Undergraduate Research Opportunities Program (GUROP)

## Invited Talks

05/2023	“Epistemic vigilance toward moral narratives” Social Cognitive Neuroscience Lab, MIT
02/2023	“Moral narrative exchange & the fight for epistemic power” with Molly Crockett Mind & Epistemology Workshop, Princeton University
01/2023	“Learning from testimony” Psychology Department Seminar, University of British Columbia
12/2022	“The function and construction of moral narratives” Laurence S. Rockefeller (LSR) Research Seminar, Princeton University
10/2022	“How thoughts are structured” Institute of Cognitive and Brain Sciences (ICBS), UC Berkeley
10/2022	“The function and construction of moral narratives” The Socio-Cognitive Processes Lab, Princeton University
04/2022	“The function and construction of moral narratives” Causality in Cognition Lab, Stanford University
11/2021	“The function and construction of moral narratives” Neuroscience and Social Decision Making (NSDM) Series, Princeton University
10/2021	“Knowledge in the absence of vision” Computational Social Cognition Lab, Yale University

- 10/2021 “The function and construction of moral narratives”  
Interdisciplinary Study of Language Evolution (ISLE), University of Zurich
- 05/2021 “The function and construction of moral narratives”  
Consciousness Club, University College London
- 08/2020 “The role of language in how blind individuals learn about the visual world”  
Learning from Language Workshop, University of Wisconsin, Madison
- 12/2019 “Intuitive theories of color in blindness”  
Cognitive Lunch, Massachusetts Institute of Technology
- 09/2019 “Knowledge in the absence of visual experience”  
Crockett Lab, Yale University
- 12/2018 “Blind individuals’ knowledge about the visual world.”  
Vision Seminar, Johns Hopkins University
- 10/2018 “Blind individuals’ knowledge about the visual world.”  
Thompson-Schill Lab, University of Pennsylvania.
- 07/2018 “Nature and nurture in neurocognitive development: Insights from studies with blind individuals”  
Neurobiology of Cognition: Gordon Research Conference
- 10/2017 “Furry hippos & scaly sharks: Blind individuals’ knowledge of animal appearance”.  
Cognitive Science Brown Bag, Johns Hopkins University

## **Conference Talks**

- 06/2023 “No right to remain silent: A form of anticipatory epistemic injustice.” Society for Philosophy and Psychology Conference.
- 09/2022 “The Construction of Moral Narratives.” Virtual Moral Narratives Workshop.
- 07/2022 “‘Visual’ knowledge in the absence of visual experience.” Annual Meeting of the Cognitive Science Society. Glushko Award Talk.
- 07/2022 “Narrating the ‘what’ and ‘why’ of our moral actions.” Annual Meeting of the Cognitive Science Society.

07/2021	“Why blueberries are ‘blue’: Intuitions about color labels among congenitally blind and sighted adults.” Society for Philosophy and Psychology Conference.
05/2021	“Why blueberries are ‘blue’: Intuitions about color labels among congenitally blind and sighted adults.” Dubrovnik Conference for Cognitive Science.
07/2019	“Understanding color in blindness.” Society for Philosophy and Psychology Conference.
07/2019	“Understanding color in blindness.” Annual Meeting of the Cognitive Science Society.
03/2017	“fMRI-guided theta burst stimulation to the superior temporal cortex impairs sentence processing.” Cognitive Neuroscience Society Conference.

## **Mentorship**

2022 – current	Mira Raju, undergraduate at Yale University
2020 – current	Mafalda von Albensleben, undergraduate at Yale University (senior thesis)
2020 – 2021	Danny Rodriguez, undergraduate at Yale University
2021 – current	Zaida McClinton, undergraduate at Johns Hopkins University
2018 – 2020	Brianna Aheimer, undergraduate at Johns Hopkins University Received Provost’s Undergraduate Research Award
2018 – 2020	Veronica Manrara-Montane, undergraduate at Johns Hopkins University
2016 – 2018	Erin Brush, undergraduate at Johns Hopkins University
2015 – 2016	Esther Kim, undergraduate at Johns Hopkins University

## **Teaching Assistantships**

Fall 2016	Positive Psychology (Justin Halberda), Johns Hopkins University
Spring 2015	Mind, Brain, and Experience (Marina Bedny), Johns Hopkins University
Fall 2015	Foundations of Brain, Behavior, and Cognition (Linda Gorman), Johns Hopkins University
Spring 2014	Altered States of Consciousness (Richard Allen), Johns Hopkins University

## **Guest Lectures**

09/2021	Language & Thought, Barbara Landau, Johns Hopkins University
03/2020	Language & Thought, Barbara Landau, Johns Hopkins University

01/2019	Introduction to Cognitive Science, Austin Baker, Rutgers University
2017 – 2018	Transcranial Magnetic Stimulation 101, Johns Hopkins University

## **Outreach**

2022	Organizer of Moral Narratives Workshop
07/2022	Neurodivergence & CogSci Panelist at the Cog Sci Society Conference
08/2021	Instructor at Yale Psychology Bootcamp
07/2017	Instructor at YouthSlam, National Federation of the Blind
2015 - 2018	Instructor at Brain Awareness Week, Baltimore Polytechnic Institute

## **Departmental Service**

2023	Judge for University Center for Human Values senior thesis prize
2022 – current	Organizer with Princeton Union of Postdocs and Scholar (PUPS)
2021	Organizer with Concerned and Organized Graduate Students (COGS)
2020	Accessibility in Diversity Committee, Yale University
2020 – 2021	Diversity Committee, Johns Hopkins University
2017 – 2019	Interview Weekend Coordinator, Johns Hopkins University
2012 – 2013	President, Georgetown University Linguistics Society (GULS)