Judy Sein Kim

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Academic Appointments

2022 – current   Postdoctoral Research Associate in the Cognitive Science of Morality
Princeton University
University Center for Human Values
<u>Advisor</u>: M.J. Crockett

2020 – 2022   Postdoctoral Fellow
Yale University
Department of Psychology
<u>Advisor</u>: M.J. Crockett

Education

2014 – 2020   PhD, Cognitive Psychology
Johns Hopkins University
Psychological and Brain Sciences
<u>Dissertation</u>: "Visual" knowledge in the absence of visual experience
<u>Committee</u>: Marina Bedny (Advisor), Barbara Landau, Chaz Firestone, Justin Halberda, Steven Gross

2009 – 2013   BA, Linguistics & Psychology, magna cum laude
Georgetown University

Peer-Reviewed Publications
*: joint first-authors, +: advised undergraduate students

1. Tian, M. Saccone, E., **Kim, J.S**., Kanjlia, S., & Bedny, M. (2023). Sensory modality and spoken language shape reading network in blind readers of Braille. *Cerebral Cortex.*

2. **Kim, J.S.,** Crockett, M.J. (2022). Narrating the "what" and "why" of our moral actions. *Proceedings of the Cognitive Science Society Conference.*

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., Sjastad, 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.***, Colombatto, C*., & Crockett, M.J. (Submitted). Perception of narrator goals in moral narratives.

17. Crockett, M.J., **Kim, J.S.**, Shin, Y.S. (Submitted). Intuitive theories and the cultural evolution of morality.

18. **Kim, J.S.** & Crockett, M.J. (In prep). Power and epistemic vigilance toward moral narratives.

19. Crockett, M.J. & **Kim, J.S.** (In prep). The function and construction of moral narratives.

20. McClinton, Z.+, Bedny, M., & **Kim, J.S.** (In prep). Intuitions about object colors in sighted and congenitally blind adults.

21. Raju, M.+, Crockett, M.J., & **Kim, J.S.** (In prep). Folk epistemology: People's attitudes toward testimony as a source of knowledge.

Honors & Awards

2022	*Robert J. Glushko Dissertation Prize* – Cognitive Science Society
2019	*G. Stanley Hall's Scholar's Award* - Johns Hopkins University
2019	*Travel Award* - Society for Philosophy and Psychology Conference
2018	*Neurolinguistics Dissertation Fellowship* - Willing Orr Dingwall Foundation ($30,000)
2016	*William L. Clark Teaching Award* - Johns Hopkins University
2015	*Graduate Student Abstract Merit Award* - Society for Neurobiology of Language Conference
2014 – 2017	*Owen Scholars Fellowship* - Johns Hopkins University ($15,000)

2013   *Regent's Citation, Faculty for Languages and Linguistics* - Georgetown University

2011   *NSF Workshop in Cognitive Neuroscience* - University of Pennsylvania

2010   Georgetown Undergraduate Research Opportunities Program (GUROP)

Invited Talks

05/2023   "Epistemic vigilance toward moral narratives"
Social Cognitive Neuroscience Lab, Massachusetts Institute of Technology

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." 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 & Service

2023   Judge for University Center for Human Values senior thesis prize
2022   Organizer of Moral Narratives Workshop 2022
2022 – current   Organizer with Princeton Union of Postdocs and Scholar (PUPS)
07/2022   Panelist for Neurodivergence & CogSci at the Cog Sci Society Conference
2021   Organizer with Concerned and Organized Graduate Students (COGS)
08/2021   Instructor at Yale Psychology Bootcamp
2020   Lead for Accessibility in Diversity Committee, Yale University
2020   Member of Diversity Committee, Johns Hopkins University
2015 - 2018   Instructor at Brain Awareness Week, Baltimore Polytechnic Institute
07/2017   Instructor at YouthSlam, National Federation of the Blind
2017 – 2019   Interview Weekend Coordinator, Johns Hopkins University
2012   President, Georgetown University Linguistics Society (GULS)