Nakwon Rim

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Education

Ongoing	**The University of Chicago**, Chicago, IL Ph.D. in Psychology Advisors: Marc G. Berman, Yuan Chang Leong
2023	**The University of Chicago**, Chicago, IL M.A. in Psychology Advisors: Marc G. Berman, Yuan Chang Leong
2021	**The University of Chicago**, Chicago, IL M.A. in Computational Social Science Advisors: Marc G. Berman, James A. Evans
2019	**Korea University**, Seoul, Republic of Korea B.A. in Psychology & B.S. in Brain and Cognitive Sciences Graduated with *Great Honor*

Research Interests

1.   Information reduction & transduction within an individual

2.   Information reduction & transduction across individuals

3.   Information reduction's impact on subsequent behaviors

Publications

Manuscripts submitted/in revision

1.   **Rim, N.**, Jackson, J.C., Berman, M. G., & Leong, Y. C. Natural Language Reveals That American Partisans Are More Affectively Polarized Over Partisan Identities Than Political Issues. *Submitted*.

2.   **Rim, N.**, Almaatouq, A., & Evans, J. Searching for Practical Social Technologies. *In Revision*.

3.   **Rim, N.**, Veillette, J., Lee, S. M., Kardan, O., Krishnan, S., Bainbridge, W. A., & Berman, M. G. Natural scenes are more compressible and less memorable than human-made scenes. *Submitted*.

Journal Articles

1.   Tucker, R., **Rim, N.**, Chao, A., Gaillard, E., & Berman, M. G. (Accepted). "EBK": Leveraging Crowd-Sourced Social Media Data to Quantify How Hyperlocal Gang Affiliations Shape Personal Networks and Violence in Chicago's Contemporary Southside. *Journal of Quantitative Criminology*.

2.   Sulik, J., **Rim, N.**, Pontikes, E., Evans, J., & Lupyan, G. (2025). Differences in psychologists' cognitive traits are associated with scientific divides. *Nature Human Behaviour*.

3.   **Rim, N.***, Schertz, K. E.*, & Berman, M. G. (2025) The affective, cognitive, and social benefits of interacting with nature. *Journal of Consumer Psychology*.

4.   Akcelik, G. N., Choe, K. W., Rosenberg, M. D., Schertz, K. E., Meidenbauer, K. L., Zhang, T., **Rim, N.**, Tucker, R., Talen, E., & Berman, M. G. (2024). Quantifying Urban Environments: Aesthetic Preference Through the Lens of Prospect-Refuge Theory. *Journal of Environmental Psychology*, 102344.

5.   Schertz, K.E., Bowman, J.E., Kotabe, H.P., Layden, E.A., Zhen, J., Lakhtakia, T., Lyu, M., Paraschos, O.A., Van Hedger S.C., **Rim, N.W.**, Vohs, K.D., & Berman, M.G. (2022). Environmental influences on affect and cognition: A study of natural and commercial semi-public spaces. *Journal of Environmental Psychology*, 101852.

6.   Stier, A.J., Schertz, K.E., **Rim, N.W.**, Cardenas-Iniguez, C., Lahey, B.B., Bettencourt, L.M., & Berman, M.G., (2021). Reply to Huth et al.: Cities are defined by their spatially aggregated socioeconomic networks. *Proceedings of the National Academy of Sciences, 119*(2), e2119313118.

7. Stier, A.J., Schertz, K.E., **Rim, N.W.**, Cardenas-Iniguez, C., Lahey, B.B., Bettencourt, L.M., & Berman, M.G., (2021). Evidence and theory for lower rates of depression in larger US urban areas. *Proceedings of the National Academy of Sciences, 118*(31), e2022472118.

8. **Rim, N.W.**, Choe, K.W., Scrivner, C., & Berman, M.G. (2021). Introducing Point-of-Interest as an alternative to Area-of-Interest for fixation duration analysis. *PLoS ONE, 16*(5), e0250170.

* denotes equal contributions.

Presentations

Conference Talks

1. **Rim, N.**, Kardan, O., Krishnan, S., Bainbridge, W. A. & Berman, M.G. (2024, April) Perceiving natural images may consume less cognitive resources: evidence from image memorability, edge magnitudes, and spectral content (Poster selected for Data Blitz) *31st Annual Meeting of the Cognitive Neuroscience Society*, Toronto, ON, Canada

Conference Poster Presentations

1. **Rim, N.**, Berman, M. G., Uddenberg, S., & Bainbridge, W. A. (2025, May) Modeling subjective and objective face memorability in a common latent space. *25th Annual Meeting of the Vision Sciences Society*, St. Pete Beach, FL

2. **Rim, N.**, Calabro, R., Zhang, R., Nash, R., Grzenda, D., & Leong, Y.C. (2025, April) Divergent Neural Responses to Political Videos Predicted Using Language Models. *17th Annual Meeting of Social & Affective Neuroscience Society*, Chicago, IL

3. **Rim, N.**, Kardan, O., Krishnan, S., Bainbridge, W. A. & Berman, M.G. (2024, May) Perceiving natural images may consume less cognitive resources: evidence from image memorability, edge magnitudes, and spectral content. *24th Annual Meeting of the Vision Sciences Society*, St. Pete Beach, FL

4. **Rim, N.**, Berman, M.G. & Leong, Y.C. (2024, February) Language use between liberals and conservatives diverges along moral lines. *The Society for Personality and Social Psychology Annual Convention 2024*, San Diego, CA
    * Graduate Student Poster Awards Runner-up

5. **Rim, N.W.**, Berman, M.G. & Leong, Y.C. (2022, July) Word embeddings reveal dimensions of polarized language use between news outlets. *8th International Conference on Computational Social Science*, Chicago, IL

6. **Rim, N.W.**, Kim, Y.-E. & Cho, Y.S. (2018, August) The Effect of Reward on Simon Task Performance. *72th Annual Conference of Korean Psychological Association*, Seoul, Republic of Korea

Workshop Presentations

1. Natural scenes are more compressible and less memorable than man-made scenes. *Cognition Workshop*, University of Chicago, 10/02/24

2. Exploring Dimensions of Partisan Bias in Large Real-life Corpora. *Cognition Workshop*, University of Chicago, 03/29/23

Invited Lab Meeting Talks

1. Affective Polarization of Identities and Issues in Reddit and News. *Computational Social Science Lab* (PI: Dr. Ashton Anderson), University of Toronto, 08/08/24

Honors, Scholarship & Grant

2024-25 **Fellow**, Institute for Mind and Biology, University of Chicago.

3 times **Norman H. Anderson Fund**, the University of Chicago.

2022 **First Year Scholars Summer Grant**, The University of Chicago.

2022 **Graduate Council Research Fund**, The University of Chicago.

2017 **Veritas Program Scholarship**, Korea University.

Teaching Experiences

Teaching Assistant, University of Chicago

2025 Spring	**Cognitive Psychology** Instructor: Professor Marc G. Berman
2025 Winter	**Psychology of Negotiation** Instructor: Professor Boaz Keysar
2024 Fall	**Psychology of Decision Making** Instructor: Professor Boaz Keysar
2024 Spring	**Cognitive Psychology** Instructor: Professor Monica D. Rosenberg
2022 Fall	**Social Psychology** Instructor: Professor Yuan Chang Leong

Guest Lectures, University of Chicago

2024 05/28	**What can Large Language Models teach us about language?** *Cognitive Psychology*
2024 04/23	**Introduction to Markov Chain Monte Carlo (MCMC)** *Experimental Design and Statistical Modeling II* (Graduate level)
2022 11/02	**Social Psychology and Social Media** *Social Psychology*

Services

Ad-hoc review

eLife, Social Cognitive and Affective Neuroscience, Emotion, Journal of Environmental Psychology, Collective Intelligence

Departmental Services, University of Chicago

2023-25 Coordinator for **Cognition Workshop** (Bi-weekly departmental workshop)