

CAROLINE MYERS

CONTACT

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EDUCATION

- Ph.D. Candidate, Johns Hopkins University** 2021 —
Psychological and Brain Sciences
Ph.D. Supervisors: Justin Halberda & Chaz Firestone
- M.A., New York University** 2020
GPA: 3.89
Concentration: Cognition, Perception, and Neuroscience
M.A. Supervisor: Marisa Carrasco
- B.A., New York University** 2019
Cum Laude with High Honors; GPA: 3.74
Majors: Psychology (Honors), Political Science
Honors Thesis Supervisor: Pascal Wallisch

PUBLICATIONS

- Myers, C.**, Firestone, C., & Halberda, J. (2025). Number adaptation survives spatial displacement. *Current Biology*, 35(23), 5923-5929. [PDF]
- Carrasco, M., **Myers, C.**, & Roberts, M. (2025). Visual field asymmetries develop throughout adolescence. *iScience*, 28(11). [PDF]
- Myers, C.** (2022). Ambiguous perception from bottom to top. *Nature Reviews Psychology*, 1(12), 691–691. [PDF]
- Carrasco, M., Roberts, M., **Myers, C.**, & Shukla, L. (2022). Visual field asymmetries vary between children and adults. *Current Biology*. 32(11), R509-R510. [PDF]
- Badde, S., **Myers, C.**, Yuval-Greenberg, S., & Carrasco, M. (2020). Oculomotor freezing reflects tactile temporal expectation and aids tactile perception. *Nature Communications*. 11(1): 3341. [PDF]

TALKS AND PRESENTATIONS

- Myers, C.**, Carrasco, M. (2025). Covert exogenous spatial attention improves performance similarly across development. *European Conference on Visual Perception*. Mainz, DE.
- Myers, C.**, Mazalik, P., Flombaum, J., & Halberda, J. (2025). Persistent representations of object identity depend on conscious perception. *Annual Meeting of the Vision Sciences Society*. St. Pete's Beach, FL.
- Carrasco, M., Kiorpes, L., **Myers, C.**, Roberts, M., & Tuncok, E. (2025). Revealing developmental and cross-species asymmetries in visual performance. Talk presented at the *European Conference on Visual Perception*. Aberdeen, Scotland.

- Myers, C.,** Mazalik, P., Flombaum, J., & Halberda, J. (2024). Persistent representations of object identity depend on conscious perception. Talk presented at the *Annual Meeting of the Association for the Scientific Study of Consciousness*. Tokyo, Japan.
- Myers, C.,** Firestone, C., & Halberda, J. (2024). Number: Still a primary visual feature. *Journal of Vision*, 24(10), 1310-1310.
- Myers, C.,** Firestone, C., & Halberda, J. (2023). "Would I have noticed that?" Guesses as an assay of metacognition. Talk presented at the *Annual Meeting of the Association for the Scientific Study of Consciousness*. New York, NY.
- Myers, C.,** Firestone, C., & Halberda, J. (2023). Knowing what I don't know: Visual guessing engages metacognitive strategy. Talk presented at the *Annual Meeting of the Association for the Scientific Study of Consciousness (Metacognition Satellite)*. New York, NY.
- Myers, C.,** Firestone, C., & Halberda, J. (2023). Visual guessing relies on metacognitive reasoning. *Journal of Vision*, 23(9), 5346-5346.
- Myers, C.,** Sanford, E., Firestone, C., & Halberda, J. (2022). Visual guessing as counterfactual metacognition. *Perception*. (Vol. 51, pp. 68-69).
- Myers, C.,** Firestone, C., & Halberda, J. (2022). Visual processing of burning fire. *European Summer School on Eye Movements*. Bonn, DE.
- Halberda, J., **Myers, C.,** & Firestone, C. (2022). Visual guessing is anti-Bayesian. *Journal of Vision*, 22(14), 4198-4198.
- Myers, C.,** Firestone, C., & Halberda, J. (2022). Attention to fire. *Journal of Vision*, 22(14), 3300-3300.
- Myers, C.,** & Carrasco, M. (2020). Adolescents' and adults' sensitivity differs around the visual field. *Journal of Vision*, 20(11):873. doi: <https://doi.org/10.1167/jov.20.11.873>.
- Myers, C.** & Carrasco, M. (2020). Visual performance is still developing through adolescence. Poster presented at the NYU MA Research Conference; New York, NY. ***Awarded First Place Conference Presentation***
- Myers, C.** & Wallisch, P. (2020). The songs of my people: appraisal differences of popular music as a function of ideology. OSF Thesis Commons. doi: 10.31237/osf.io/rhbyq.
- Myers, C.,** Zwack, H., & Hoffman, C. (2019). Overcoming ecological barriers to quantitative education research. Poster presented at the 2019 Subway Summit Research Conference; New York, NY.
- Myers, C.** & Wallisch, P. (2019). Tribal tunes: does ideology moderate popular music preference? Poster presented at the 2019 Undergraduate Research Conference; New York, NY. Abstract published in *Inquiry*, vol. XXIII.
- Myers, C.** (2019). Perceptions of status-based coalitions and policy support in a racially-diverse future. Poster presented at the 2019 Undergraduate Research Conference; New York, NY. Abstract published in *Inquiry*, vol. XXIII.
- Beach, P., **Myers, C.,** & Sohn, J. (2019). Meta-motivational knowledge and goal achievement. Poster presented at the 2019 Undergraduate Research Conference; New York, NY. Abstract published in *Inquiry*, vol. XXIII. 2019. ***Awarded URC 2019 Best Poster Presentation***
- Zwack, H., **Myers, C.,** & Wallisch, P. (2019). Ticket to success: the predictive value of school-level factors on New York City specialized high school acceptance. Poster presented at the 2019 Undergraduate Research Conference; New York, NY.
- Myers, C.,** Spivack, S., Spilka, N. H., Philibotte, S. J., Passman, I., & Wallisch, P. (2018). The songs of my

GRANTS AND FUNDING

National Eye Institute Early Career Scientist Travel Grant, Vision Sciences Society	2022
Research Expansion Award, Johns Hopkins University	2022
Graduate School of Arts and Sciences Dean's Conference Grant, NYU	2020
Dean's Undergraduate Research Grant, NYU	2018
Dean's Undergraduate Research Grant, NYU	2018
Dean's Undergraduate Research Grant, NYU	2018
Dean's Undergraduate Research Grant, NYU	2018
Dean's Undergraduate Research Grant, NYU	2017
Women in Science (WINS) Grant & Scholarship, NYU	2017

TEACHING

Graduate Teaching Assistant, <i>Cognitive Psychology</i> , Johns Hopkins University	2024
Graduate Teaching Assistant, <i>Graduate Advanced Statistical Methods</i> , Johns Hopkins University	2023
Graduate Teaching Assistant, <i>Cognitive Psychology</i> , Johns Hopkins University	2023
Graduate Teaching Assistant, <i>Introduction to Developmental Psychology</i> , Johns Hopkins University	2022
Head Graduate Teaching Assistant, <i>Perception</i> , New York University	2021
Head Graduate Teaching Assistant, <i>Cognition</i> , New York University	2021
Graduate Teaching Assistant, <i>Cognition</i> , New York University	2019 — 2021
Teaching Assistant, <i>Introduction to Psychology</i> , New York University	2017 — 2019

PROFESSIONAL MEMBERSHIPS

Vision Sciences Society, Psychonomic Society, Association for the Scientific Study of Consciousness, Society for Philosophy and Psychology.

RELEVANT GRADUATE COURSEWORK

Math Tools for Neural and Cognitive Sciences, Seminar in Attention and Perception, Developmental Cognitive Neuroscience, Introduction to Machine Learning