Max Levinson

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Post Doctoral Fellow
New York University Langone Health
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EDUCATION

2019–2024 **Ph.D., Neuroscience**
McGill University
Advisor: Sylvain Baillet

2013–2017 **B.S., Biological Sciences**, philosophy minor
Cornell University
Honors thesis advisor: Christiane Linster

ACADEMIC EMPLOYMENT

2024–present **Post Doctoral Fellow**, New York University Langone Health
Perception and Brain Dynamics Laboratory (PI: Biyu Jade He)

2020, 2022 **Teaching Assistant**, McGill University
Human Neuroanatomy, Perspectives of Science

2017–2019 **Lab Manager and Research Associate**, New York University
Perception and Brain Dynamics Laboratory (PI: Biyu Jade He)

2015 **Summer Student Researcher**, Burke Medical Research Institute
PI: Brett Langley

PEER-REVIEWED PUBLICATIONS

1. **Max Levinson**, A.E. Waitt, K. Duecker, S.C. Wynn, O. Jensen, S. Baillet. (2026) Hierarchical brain dynamics supporting visual perceptual transitions. *Science Advances* (in press).

2. **Max Levinson**, C.C. Pack, S. Baillet. (2025) Stimulus-dependent delay of perceptual filling-in by microsaccades. *Journal of Vision*. 25(8).

3. Y. Wu., E. Podvalny, **Max Levinson**, B.J. He. (2024) Network mechanisms of ongoing brain activity's influence on conscious visual perception. *Nature Communications*. 15(1), 5720.
   [Featured in a TiN spotlight: N. Zaretskaya. (2024). When sensory input meets spontaneous brain activity. *Trends in Neurosciences*.]

4. **Max Levinson,** S. Baillet. (2022). Perceptual filling-in dispels the veridicality problem of conscious perception research. *Consciousness and Cognition*. 100 (103316).

5. **Max Levinson**, E. Podvalny, S.H. Baete, B.J. He. (2021) Cortical and subcortical signatures of conscious object recognition. *Nature Communications*. 12(1), 2930.

6. **Max Levinson**, J.P. Kolenda, G. Alexandrou, O.E. Escanilla, T.A. Cleland, D.M. Smith, C. Linster. (2020) Context-dependent odor learning requires the anterior olfactory nucleus. *Behavioral Neuroscience*. 134(4), 332-343.

7. V.S.C. Wong, C. Picci, M. Swift, **Max Levinson**, D. Willis, B. Langley. (2018) α-Tubulin Acetyltransferase Is a Novel Target Mediating Neurite Growth Inhibitory Effects of Chondroitin Sulfate Proteoglycans and Myelin-Associated Glycoprotein. *eNeuro*. 5(1).

CONFERENCE ORAL PRESENTATIONS

1. **Max Levinson,** K. Duecker, A.E. Waitt, S.C. Wynn, O. Jensen, S. Baillet. (2024) Perceptual filling-in from adaptation of inhibition in visual cortex. *Association for the Scientific Study of Consciousness Annual Meeting*, Tokyo, Japan.

2. **Max Levinson**, C.C. Pack, S. Baillet. (2024) Eccentricity, but not color contrast, influences microsaccadic prevention of visual fading. *Vision Sciences Society Annual Meeting*, St. Pete Beach, Florida.

3. **Max Levinson**, A.I. Wiesman, J. da Silva Castanheira, C.C. Pack, S. Baillet. (2022) Gaze stability does not fully explain perceptual filling-in. *Association for the Scientific Study of Consciousness Annual Meeting,* Amsterdam, The Netherlands.

4. **Max Levinson**, E. Podvalny, S.H. Baete, B.J. He. (2019) Successful object recognition correlates with activity in category-specific and extensive category-invariant brain networks. *Object Perception, Attention & Memory (OPAM) Annual Conference,* Montreal, Canada.

5. **Max Levinson**, D. Smith, T. Cleland, C. Linster. (2017) Context dependent olfactory generalization depends on anterior olfactory nucleus. *Society for Neuroscience Annual Meeting,* Washington, D.C. Program No. 361.05.

CONFERENCE POSTER PRESENTATIONS

1. Y. Wu, E. Podvalny, **Max Levinson**, B.J. He. (2024) Network mechanisms of ongoing brain activity's influence on conscious visual perception. *Vision Sciences Society Annual Meeting*, St. Pete Beach, Florida.

2. **Max Levinson**, E. Podvalny, S.H. Baete, B.J. He. (2020) Neural activity in extensive cortical and subcortical networks supports visual object recognition. *Organization for Human Brain Mapping Annual Meeting*, online.

3. **Max Levinson**, J.P. Kolenda, M.L. Davis, N.A. Hernandez, D.M. Smith, T.A. Cleland, C. Linster. (2018) The Anterior Olfactory Nucleus Mediates Task-Relevant Contextual Information to the Early Olfactory System. *Association for Chemoreception Sciences Annual Meeting*, Bonita Springs, FL.

HONORS AND AWARDS

2025–2027	NIH Extramural Loan Repayment Program Award
2024	Quebec Bio-Imaging Network Conference Allowance
2022–2024	Fonds de recherche du Québec (Nature et technologies) Doctoral Scholarship
2022	Don Baxter Collaborative Award
2022	Brain Info (Info Cerveau) Volunteer of the Year
2022, 2024	Post Graduate Students' Society Travel Award
2021–2022	Quebec Bio-Imaging Network PhD Scholarship
2021–2022	Jeanne Timmins Costello Studentship
2021	IPN GREAT Travel Award
2021	Joan and Warren Chippindale Outstanding Student Award
2020–2021	Healthy Brains, Healthy Lives Masters Student Fellowship
2019	Integrated Program in Neuroscience Recruitment Award
2017	Bachelor's degree with Distinction in Research

AD-HOC PEER REVIEWING

PLoS Biology, Perception, Scientific Reports, Neuroscience and Biobehavioral Reviews, Frontiers in Systems Neuroscience, Journal of Illusion, AIMS Neuroscience

SCIENTIFIC LEADERSHIP

2026	NYU: Summer Research Training in Neuroscience selection committee
2025–2026	NYU: CoNNExINS selection committee
2025	NYU: Postdoc host for Neuroscience Colloquium Series speakers
2024	NYU: Volunteer for Neuroscience Application Support Group
2024–present	NYU: Mentoring 2 undergraduate students

2022–2024	McGill: informally co-supervised 1 junior PhD student
2022–2025	Pen-pal of 3 middle-school students with Letters to a Pre-Scientist
2021–2022	Volunteer for Info Cerveau (Brain Info): public-facing sci-comm
2019	NYU Brain Day: developed a visual illusion & brain imaging station
2017–2019	NYU: Mentored 2 high school students and 2 visiting undergraduates
2016–2017	Cornell: Mentored 7 undergraduate members of Biology Scholars Program (students from traditionally underrepresented backgrounds in science)