CURRICULUM VITAE

Marlene Behrmann (Cohen)
John and Clelia Shepphard Chair
Department of Ophthalmology
University of Pittsburgh School of Medicine

A. BIOGRAPHICAL INFORMATION

1. Personal

Date of birth: April 14, 1959 (Johannesburg, South Africa)
Citizenship: South Africa; Canada; United States of America
Affiliation: John and Clelia Sheppard Chair, Department of Ophthalmology, University of Pittsburgh;
Emeritus, Department of Psychology/Neuroscience Institute, Carnegie Mellon University;
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2. Degrees

1991 **Ph.D. (Psychology)** University of Toronto. *Advisor*: Dr. M. Moscovitch.
Thesis title: Attention and word recognition in neglect dyslexia: Evidence from brain-damaged and normal subjects and from a computational model.
1984 **British Council Fellowship:** Birkbeck College, University of London. *Advisor*: Dr. M. Coltheart.
1984 **M.A. (Speech Pathology)** cum laude, University of Witwatersrand, Johannesburg. *Advisor:* Dr C. Penn. *Dissertation title:* A neurolinguistic approach to reading problems in aphasia.
1981 **B.A. (Speech and Hearing Therapy)** cum laude, University of Witwatersrand, Johannesburg.

3. Employment and Teaching

2022- Professor, Department of Ophthalmology, University of Pittsburgh Medical School
Secondary appointments in Departments of Psychology, Neuroscience, Neurobiology, Neurological Surgery and Communication Disorders.
2022- Emeritus Professor, Carnegie Mellon University
2018-22 Courtesy appointment, Biomedical Engineering, Carnegie Mellon University
2016-22 University Professor, Carnegie Mellon University and Center for the Neural Basis of Cognition.
2014-15 CMU Director of the Center for the Neural Basis of Cognition
2014-22 Chair: Thomas S. Baker University Professor of Cognitive Neuroscience
2007-22 Professor, Dept of Psychology, Carnegie Mellon U. and Center for the Neural Basis of Cognition.
2006-07 Professor, Dept of Psychology, University of Toronto; Canada Research Chair (Tier 1).
2002-22 Professor, Dept of Psychology, Carnegie Mellon University.
2000-1 Visiting Professor (sabbatical), Weizmann Institute of Science, Israel
1998-2020 Associate Professor (with tenure), Department of Psychology, Carnegie Mellon University.
1997-8 Associate Professor (without tenure), Department Psychology, Carnegie Mellon University.
1997- Adjunct Associate Professor, Dept. of Neuroscience and Dept. of Communication Disorders, U. Pitt.
1995 - Affiliated Faculty, Center for the Neural Basis of Cognition (joint CMU/Pitt).
1993-7 Assistant Professor, Department of Psychology, Carnegie Mellon University.
1994-7 Assistant Professor, Adjunct appointment, Department of Communication Science and Disorders, U. Pitt.
1991-3 Assistant Professor, Departments of Psychology and Medicine (Neurology), U. of Toronto.
1990-3 Staff Scientist, Rotman Research Institute of Baycrest Centre, Toronto.
1986-7 Research assistant Dr S. E. Black, Cognitive Neurology, Sunnybrook Health Center.

1984-6 Lecturer, Department of Speech Path. & Audiology, U. of the Witwatersrand, Johannesburg.
1983-5 Clinical supervisor, Department of Speech Path. and Audiology, University of Witwatersrand.
1982 Speech Pathologist in practice.

4. Honors

2026 Honorary Doctorate, University of Copenhagen, Denmark.
2026 Ian P. Howard Memorial Lecture Series Distinguished Honouree, York University, Toronto
2024 Dorothy J Killam named lecture, Montreal Neurological Institute
2024 52nd Sir Frederic Bartlett Lecture, British Experimental Psychology Society.
2023 Howard Crosby Warren Medal, Society of Experimental Psychologists
2023 Lead speaker, Rank Symposium, Cumbria, UK
2020 Vision Sciences Society's Davida Teller Award for exceptional scientific achievements, commitment to equity, and strong history of mentoring.
2020 Fred Kavli Distinguished Career Contributions in Cognitive Neuroscience Award from the Cognitive Neuroscience Society.
2019 Member, American Academy of Arts and Sciences (induction November, Boston)
2019 Rita G. Rudel/Lucy G. Moses Award and Lecture, Columbia University New York
2018 William E. Brown Outstanding MSTP Mentor Award, U. of Pittsburgh and Carnegie Mellon U.
2017 Faculty Member Award for Neuroscience, F1000
2017 Inspiring Women in Science Award, Brown University
2016 Ladies Hospital Aid Society Pittsburgh, Distinguished Educator award
2016 Certificate for highly cited research, Vision Research.
2015 Member, National Academy of Sciences
2014 Fellow, Cognitive Science Society.
2014 Certificate for Excellence in reviewing, Elsevier Press (Neuropsychologia)
2012 Elected Fellow of Eastern Psychological Association.
2010 Academic expert for GoCognitive Video series (www.gocognitive.com; http://vimeo.com/8697643)
2008 Member, Society of Experimental Psychologists (Prestigious academic society)
2006 Recipient, Justine and Yves Sergent Award, University of Montreal
2006 Fellow, American Psychological Society
2004 Member of Western delegation in residence with Dalai Lama (Multiple day Scientific Exchange between Eastern monks and Western scientists)
2001 APA Distinguished Scientific Award for Early Career Contributions to Behavioral and Cognitive Neuroscience
2000-01 Weston Visiting Professorship, Dept. Computer Science and Applied Mathematics, Weizmann Institute, Israel
2000-01 James McKeen Cattell award for sabbatical support
1999 Presidential Early Career Award in Science & Engineering (PECASE).
1998 Early career award in Neuropsychology (Div. 40), American Psychological Foundation; Finalist, McDonnell Centennial Fellowship Award.
1995-00 National Institutes of Mental Health, FIRST award.
1992-97 Natural Sciences and Engineering Research Council Women Faculty Award, Canada declined).
1992-97 Medical Research Council of Canada Scholarship. Voluntarily terminated 1994.
Ontario Ministry of Health, Research Personnel Development Scholarship.
1987-98 Natural Sciences and Engineering Research Council Scholarship for Postgraduate Studies.
1995 Ontario, Speech Language and Hearing Assoc. Founders' Award for best paper at OSLA Convention.

1984-85 Isie Smuts Fellowship Award awarded by the South African Assoc. of University Women (Nov '84-March '85).
1984 British Council scholarship to further academic studies in Britain.
1981 Most distinguished woman graduate of the year, University of the Witwatersrand; Pierre de V Pienaar Prize for top graduate in B.A. (Speech and Hearing Therapy).
1981 Philips' Medal for the most outstanding graduate in Speech Pathology and Audiology.

5. Membership and professional affiliations

International Neuropsychology Symposium
Society for Neurosciences
Psychonomic Society
American Psychological Society
Vision Sciences Society
Society for Experimental Psychologists
Member, Advisory Board, Center for Brain Sciences, Hebrew University, Jerusalem, Israel.
Member, Rothschild Fellowship Committee for Brain, Mind and Language, Israel.
Member, Scientific Advisory Board, Rhygaze HG, Basel, Switzerland.
Member, Advisory board, Foundation Fighting Blindness – Petrou Vision Restoration challenge.

6. Editorial activities

Editorial board, *Proceedings of the National Academy Sciences*, 2015-2019; Reviewer - ongoing
Associate editor 2021-2025, *Current Directions in Psychological Science*
Editorial board membership: *Open Minds; Journal of Cognitive Neuroscience*; *Cognitive Neuropsychology; Cortex*
F1000 Faculty member, http://f1000.com/thefaculty/member/1668422047137071.
Ad hoc reviewer of research grant applications: *Medical Research Council of Canada; Alzheimer Society of Canada; NIH; NSF; Wellcome Trust; Israel Science Foundation*
Ad hoc reviewer of submitted manuscripts: *Brain; Cognitive, Affective and Behavioral Neuroscience; Cognitive Neuropsychology; Cognitive Psychology; Cortex; Journal of Clinical and Experimental Neuropsychology; Journal of Cognitive Neuroscience; Journal of Experimental Psychology (HPP, LMC); Memory and Cognition; Nature; Nature Neuroscience; Neuron; Neuropsychologia; Perception and Psychophysics; Psychonomic Bulletin and Review; Quarterly Journal of Experimental Psychology; Science; Vision Research*

7. Other professional activities (last five years)

2026 - Member, Strategic panel, National Advisory Eye Council, NIH
2026- Advisory board, University of Copenhagen, Open Face Project (Randi Starrfelt)
2025 - Advisory board, Methusalem Project 'NeuroSPACE', University of Leuven, Belgium.
2025 Judge, Best Illusions of the Year Contest
2025 Class V representative, CMC, National Academy of Sciences
2024 Reviewer, NIH and NSF (no longer eligible for NIH study section because of NAEC membership)
2024-25 Member, VSS Davide Teller award committee
2024-25 Chair, Prize committee for Society for Experimenting Psychologist Awards
2024- Lila R. Gleitman Prize Selection Committee
2023 SFN Young Investigator Award Committee,
2023-25 Society for Experimenting Psychologist Award committee
2022 NIMH, Board of Scientific Counselors
2020-22 Member, National Academy of Sciences, Transient Nominating Group, section representative

2019- Member, Rothschild Fellowship selection committee
2016- Steering committee, Edmond and Lily Safra Center for Brain Sciences at Hebrew U., Jerusalem

B. CURRENT RESEARCH AWARDS

Active

2026-2031 PI: **M. Behrmann**. National Institutes of Health (NEI). 2R01EY027018-05
Title: Reorganization of visual function in patients with posterior cortical research: Selectivity and plasticity. $2,161,408.

2024-2028 Co-PI: **M. Behrmann.** PI: J. Snow. National Institutes of Health (NEI). 7R01EY026701-07
Title: Bringing the real-world into cognitive neuroscience: from images to real objects. $2,907,095.00

2024-2028 Co-PI: Paul Kinchington and **M. Behrmann.** T32EY017271-17
Title: Interdisciplinary vision sciences training program. T32, National Eye Institute. $965.246 (Directs)

2024-2027 Co-I: **M. Behrmann** and J. P. Mayo
Title: Organization and possible reorganization of eye movements and their neural substrate.
Hillman Foundation.

2024-2028 PI: J. Ash 5P30EY008098-35 Core grant for Vision research, NEI. M. **Behrmann** lead on Biostatistics Module.

Pending

2026-2029 Co-I **M. Behrmann** (PI: V. Zachariou)
Title: The Impact of Brain Iron on Face Perception and Supporting Neurocognitive Networks in Older Adults $221,390 (Direct just for Behrmann)

2026-2029 Co-I **M. Behrmann** (PI: E. Rossi)
Title: The Role of Fronto-parietal and Subcortical Circuits in Fixational Eye Movement Deficits Following Concussion $421,100 (Direct and Indirect)

Patent:
Allowance - U.S. Pat. App. 18/410,446 - Method for Detecting and Localizing Brain Silences Using EEG - (CMU Ref: 2019-170) (KDW Ref: 8350.0111C)
U.S. Patent 12,178,588, directed to a Method for Detecting and Localizing Brian Silences

Invention disclosure
Chamanzar and Behrmann: SiGNet: Graph Neural Inference for Noninvasive Localization of Multifocal Neural Silence

Start-up: Precision Neuroscopics (with Shawn Kelly, Pulkit Grover, Jeff Weldon, Arnelle Etienne, Michael Tarr, Jasmine Kwasa, Alireza Chamanzar). Received Phase IIb NSF funding.

Consultant: Rhygaze (www.rhygaze.com)

C. PUBLICATIONS

1a. Refereed Journals: published or in press

H-index 101; number of citations 34,960
For all papers, see https://www.ncbi.nlm.nih.gov/myncbi/marlene.behrmann.1/bibliography/public/

286. Kimchi, R. and Behrmann, M. (2027). What Gestalt Psychologists Might Say About Current Psychological Studies. *Annual Review of Psychology*, volume 79, *in press.*

285. Robinson, A. K., Grootswagers T., Shiatek, S., **Behrmann, M.** and Carlson, T. A. Distinct yet coupled hemispheric codes for foveal visual processing, *Cerebral Cortex*, in press.

284. Sahel, J.-A., Futterknecht, S., Audo, I., Martel, J. N., Ling, S., Pagot, C., Arleo, A., Boulanger-Scemama, E., Duret, A., de Saint Aubert, J.-B., Delaux, A., Degli Esposti, S., Coen, C. de Montleau, C., Aravich, D., Smith, W., Hayem, C., Taiel, M., **Behrmann, M.,** Roska, B. (2026). Optogenetic Therapy for Restoring Aspects of Visual Function, *New England Journal of Medicine*, 2026;395:1399-408. DOI: 10.1056/NEJMoa2602215. Commentary by Karl Deisseroth, *New England Journal of Medicine*, 2026;395: 14, 1444-1446.

283. Simmons, C., **Behrmann, M.** and Ayzenberg, V. (2026). Large-scale functional overlap between dorsal and ventral object-responsive networks, *Communications Biology*, https://doi.org/10.1038/s42003-026-11192-x.

282. Zachariou, V., **Behrmann, M.,** Jiang, Y., Nikolajczyk, B. S., Kern, P. A., Oser, C. B., Zhang, H., Coskun, E. P., Raslau, F. D., Esiaka, D. K. (2026) The social cost of iron: brain iron in face-processing regions links lower face-perception performance to reduced social connectedness in aging, *SSRN, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5895221*.

281. Granovetter, M. C., Maallo, A. M. S., Patterson, C., Glen, D. and **Behrmann, M.** (2026). Morphometrics of the preserved post-surgical hemisphere in pediatric drug-resistant epilepsy and functional consequences, *Imaging Neuroscience,* https://direct.mit.edu/imag/article/doi/10.1162/IMAG.a.1194/135744/Morphometrics-of-the-preserved-post-surgical.

280. Blauch, N. M., **Behrmann, M.** and Plaut, D. C. (2026). Retinotopic scaffolding of high-level vision, PLOS Computational Biology, *in press,* https://osf.io/preprints/psyarxiv/rynbz_v1.

279. **Behrmann, M.,** Blauch, N. M., Plaut, D. C. (2026). The emergence of topography and hemispheric lateralization in high-level vision. Q J Exp Psychol (Hove). Oct 29:17470218251395631. doi: 10.1177/17470218251395631. Online ahead of print. PMID: 41159672

278. **Behrmann, M.** (2026). Visual agnosia in the era of behavioral and neural investigations. *Neuropsychologia, 221,109299*, Epub ahead of print.

277. Chroneos, M. Z., **Behrmann, M**.* and Mayo, J. P.* (*equal authors). (2025). Childhood hemispherectomy results in ipsilesional smooth pursuit deficits with compensatory saccades, *Cortex,* 191, 266-282. https://doi.org/10.1016/j.cortex.2025.08.005.

276. Robert, S.*, Granovetter, M. C.* and **Behrmann, M.** (2025). Space- and object-based attentional processing in typical development and childhood hemispherectomy, *Scientific Reports,* https://doi.org/10.1038/s41598-025-13704-x.

274. Liu, T. T.*, Granovetter, M. C.*, Maallo, A. M. S., Robert, S., Fu, J. Z., Patterson, C., Plaut, D.C. and **Behrmann, M**. (2025). Cross-sectional and longitudinal category-selectivity in visual cortex following pediatric cortical resection, *Communications Biology,* 8(1):1200. doi: 10.1038/s42003-025-08554-2.

274. Chamanzar, A., Freud, E., Grover, P. and **Behrmann, M.** (2025). SilenceMap can provide frequency band inferences about functional silences in object shape processing deficits induced by brain injury, *Imaging Neuroscience,* imag_a_00557; DOI: https://doi.org/10.1162/imag_a_00557

273. Blauch, N. M., Plaut, D. C., Vin, R., and **Behrmann, M.** (2025). Individual variation in the functional lateralization of human ventral temporal cortex: Local competition and long-range coupling, *Imaging Neuroscience,* Vol. 3. https://doi.org/10.1162/imag_a_00488; https://www.biorxiv.org/content/10.1101/2024.10.15.618268v2

272. Robinson, A. K., Grootswagers T., Shiatek, S., **Behrmann, M.** and Carlson, T. A. (2025). Dynamics of visual object coding within and across the hemispheres: Objects in the periphery. *Scientific Advances,* Jan 3;11(1):eadq0889. doi: 10.1126/sciadv.adq0889. Epub 2025 Jan 1.

271. Granovetter, M. C., Maallo, A. M. S., Ling, S., Robert, S., Patterson, C. and **Behrmann, M.** (2024). Functional Resilience of the Neural Visual Recognition System Post-Pediatric Occipitotemporal Resection, *iScience,* 27, 12, 111440. doi: 10.1016/j.isci.2024.111440.

270. Bleimeister, I., Avni, I., Granovetter, M., Meiri, G., Ilan, M., Flusser, H., Michaelovski, A. Menashe, I., **Behrmann, M.,** Dinstein, I. **(co-senior authors)** (2024). Idiosyncratic pupil regulation in autistic children, *Autism Research* 17(12):2503-2513. doi: 10.1002/aur.3234.

269. Liu, N., Avidan, G., Turchi, J. N., Hadj-Bouziane, F. and **Behrmann, M.** (2024). A possible neural basis for attentional capture revealed by fMRI and causal pharmacological inactivation in macaques, *Journal of Cognitive Neuroscience*, 36, 12, 2671-2779. doi: 10.1162/jocn_a_02211. PMID: PMC8784138

268. Peskin, N., **Behrmann, M.**, Gabay, S. and Gabay, Y. (2024). Atypical reliance in monocular visual pathway for face and word recognition in developmental dyslexia. *Brain and Cognition, 174,* doi: 10.1016/j.bandc.2023.106106. PMID: 38016399

267. Robert, S., Granovetter, M. C., Patterson, C. and **Behrmann, M.** (2024). Investigation of hemispheric functional organization after pediatric epilepsy surgery with naturalistic neuroimaging, *PNAS,* Jul 9;121(28):e2317458121. doi: 10.1073/pnas.2317458121.

266. Simmons, C., Granovetter, M. C., Robert, S., Liu, T. T., Patterson, C. and **Behrmann, M.** (2024). Holistic processing and expertise effects after pediatric resection of occipitotemporal cortex, *Neuropsychologia*, Feb 15;194:108789. doi: 10.1016/j.neuropsychologia.2024.108789. Epub 2024 Jan 6.

265. Vin, R., Blauch, N. M., Plaut, D. C. and **Behrmann, M.** (2024). Visual word processing engages a hierarchical, distributed and bilateral network, *iScience*, Volume 27, Issue 2, 108809, 10.1016/j.isci.2024.108809. PMID: 38303718

264. Ayzenberg, V., Granovetter, M. C., Robert, S., Patterson, C. and **Behrmann, M.** (2023). Differential functional reorganization of ventral and dorsal visual pathways following childhood hemispherectomy, *Developmental Cognitive Neuroscience,* doi: 10.1016/j.dcn.2023.101323.

263. Ayzenberg, V. and **Behrmann, M.** (2023). Development of visual object recognition, *Nature Reviews Psychology*. https://doi.org/10.1038/s44159-023-00266-w.

262. Ayzenberg, V. and **Behrmann, M.** (2023). The where, what and how of object perception. TiCS, 27(4):335-336. doi: 10.1016/j.tics.2023.01.006.

261. Nischal, R. and **Behrmann, M.** (2023). Hemispheric lateralization of word recognition revealed over development using a measure of inversion sensitivity, *Developmental Science* Jan 30;e13372. doi: 10.1111/desc.13372.

260. Ayzenberg, V. and **Behrmann, M.** (2023). An expanded neural framework for shape perception. TiCS, 27(3):212-213. doi: 10.1016/j.tics.2022.12.001.

259. Ayzenberg, V., Simmons, C. and **Behrmann, M.** (2023). Temporal asymmetries and interactions between dorsal to ventral visual pathway during object recognition, *Cerebral Cortex Communication,* Jan 13;4(1):tgad003. doi: 10.1093/texcom/tgad003. eCollection 2023.

258. Ayzenberg, V. and **Behrmann, M.** (2022). Does the ventral visual pathway compute shape? *TiCS,* 26(12):1119-1132. doi: 10.1016/j.tics.2022.09.019.

257. Granovetter, M.C., Robert, S., Ettensohn, L., and **Behrmann, M.** (2022). With childhood hemispherectomy, one hemisphere can support--but is suboptimal for--word and face recognition, *PNAS*, 119(44):e2212936119. doi: 10.1073/pnas.2212936119.

256. Haigh, S. M., Van Key, L., Eack, S. M., Leitman, D. I., Salisbury, D.F., **Behrmann, M**. (2022). Assessing trial-to-trial variability in auditory ERPs in autism and schizophrenia. *Journal of Autism and Developmental Disorders.* Special issue: Sensory Features in Autism and Related Conditions: Developmental Approaches, Mechanisms and Targeted Interventions, doi: 10.1007/s10803-022-05771-0.

255. Liu, N., **Behrmann, M.,** Turchi, J. N., Avidan, G., Hadj-Bouziane, F. and Ungerleider, L. (2022). Hierarchical organization of face patches in macaque cortex as revealed by fMRI and pharmacological inactivation, *Nature Communication, 13*(1):6787. doi: 10.1038/s41467-022-34451-x.

254. Haigh, S., Brosseau, P., Eack, S. M., Leitman, D., Salisbury, D. **Behrmann, M**. (2022). Hyper-sensitivity to pitch is related to poorer prosody processing in adults with autism, *Frontiers in Psychiatry, 13,* 13:844830. https://doi.org/10.3389/fpsyt.2022.844830

253. Ayzenberg, V. and **Behrmann, M.** (2022). Object-centered spatial relations: A functional contribution of the dorsal visual pathway to object categorization, *Journal of Neuroscience,* 8;42(23):4693-4710. doi: 10.1523/JNEUROSCI.2257-21.2022.

252. Sha, Z.., **Behrmann, M**. … (2022). Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. *Molecular Psychiatry,* doi: 10.1038/s41380-022-01452-7.

251. Ahmad, Z., **Behrmann, M.,** Patterson, C. and Freud, E. (2022). Unilateral cortical resection of both visual pathways alters action but not perception in a paediatric patient with pharmaco-resistant epilepsy, *Neuropsychologia, 22, 108182.*

250. **Behrmann, M.** and Avidan, G. (2022). Face perception: Computational insights from phylogeny, *Trends in Cognitive Science,* 26(4):350-363. https://doi.org/10.1016/j.tics.2022.01.006.

249. Hoogman, M. … **Behrmann, M.** (2022). Consortium neuroscience of ADHD and ASD: the ENIGMA adventure. *Human Brain Mapping*, 43, 1, 37-55. doi: 10.1002/hbm.25029. PMID: 32420680

248. Blauch, N. M., **Behrmann, M.** and Plaut, D. C. (2022). A connectivity-constrained computational account of topographic organization in high-level visual cortex, *PNAS,* 119(3):e2112566119. doi: 10.1073/pnas.2112566119.

247. Jones, M. .. **Behrmann, M.** … (2021). Knowledge Gaps for Functional Outcomes After Multilobar Resective and Disconnective Pediatric Epilepsy Surgery: Conference Proceedings of the Patient-Centered Stakeholder Meeting 2019, *Epilepsy Disorders,* Epileptic Disord. 2022 Feb 1;24(1):50-66. doi: 10.1684/epd.2021.1373. PMID: 34806979

246. Hahamy. A., Wilf, M., Rosin, B., **Behrmann, M.** and Malach, R. (2021). How do the blind 'see'? The role of spontaneous brain activity in self-generated perception, *Brain*, 144(1):340-353 doi: 10.1093/brain/awaa384.

245. Chaman Zar, A. R., Haigh, S., Grover, P. and **Behrmann, M.** (2021). Using high resolution EEG and steady state auditory and visual presentation to differentiate migraineurs from controls, Brain Communications, doi:10.1093/braincomms/fcab061.

244. Almasi, R. C. and **Behrmann, M.** (2021). Subcortical regions of the visual system do not process faces holistically, *Brain and Cognition,* 151, 105726.

243. Chaman Zar, A., **Behrmann, M.** and Grover, P. (2021). Neural silences can be localized rapidly using noninvasive scalp EEG, *Nature Communications Biology*, 4, 429. https://doi.org/10.1038/s42003-021-01768-0

242. Avidan, G. and **Behrmann, M.** (2021). The Neural Basis of Face Processing, Including Congenital Prosopagnosia in Volume 6 of the *Annual Review of Vision Science*, 7:301-321. doi: 10.1146/annurev-vision-113020-012740. Epub 2021 May 20. PMID: 34014762

241. Lerner, Y., Scherf, K. S., Katkov, M., Hasson, U. and **Behrmann, M**. (2021). Age-Related Changes in Neural Networks Supporting Complex Visual and Social Processing in Adolescence, *Journal of Cognitive Neuroscience,* 33(11):2215-2230. doi: 10.1162/jocn_a_01756.

240. Maallo, A. M.S., Granovetter, M. C., Freud, E., Kastner, S., Pinsk, M. A., Patterson, C. and **Behrmann, M.** (2020). All hands on deck: Large-scale (re)sculpting of cortical circuits in post-resection children**,** *Scientific Reports,* Dec 9;10(1):21589. doi: 10.1038/s41598-020-78394-z.

239. Haigh, S. M., Endevelt-Shapira, Y. and **Behrmann, M.** (2020). Trial-to-trial variability in electrodermal activity to faces in autism, *Autism Research,* 13(12):2083-2093. doi: 10.1002/aur.2377. PMID: 32860323

238. Brosseau, P., Nestor, A. and **Behrmann, M.** (2020). Colorblindness adversely impacts face recognition, *Visual Cognition,* 279-284, https://www.tandfonline.com/doi/full/10.1080/13506285.2020.1788682

237. Freud, E., **Behrmann, M.** and Snow, J.C. (2020). What, if anything, does dorsal cortex contribute to object perception?, Open Mind, *p40-56, h*ttps://doi.org/10.1162/opmi_a_00033.

236. Boedhoe, O. ..**Behrmann, M.** et al. (2020). Subcortical brain volume, regional cortical thickness and surface area variations across attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder (ASD), and obsessive-compulsive disorder (OCD) – findings from the ENIGMA-ADHD, -ASD, and -OCD working groups. *American Journal of Psychiatry* :appiajp202019030331. doi: 10.1176/appi.ajp.2020.19030331.

235. Granovetter, M. C., Burlingham, C. S., Heeger, D. J. and **Behrmann, M.** (2020). Individuals with autism exhibit atypical pupillary responses under cognitive load, *J. Neuroscience*, 40(19):3815-3826.

234. Collins, E. and **Behrmann, M.** (2020)**.** Exemplar learning reveals the representational origins of expert category perception, *Proc. Nat. Acad. Science*, 117(20):11167-11177.

233. Freud, E. and **Behrmann, M.** (2020). Altered large-scale organization of shape processing in visual agnosia, *Cortex,* 129:423-435. doi: 10.1016/j.cortex.2020.05.009. Epub 2020 May 25. PMID: 32574843

232. Nestor, A., Lee, A. C., Plaut, D. C. and **Behrmann, M**. (2020). Facing image reconstruction: progress, prospects, challenges, *Trends in Cognitive Science*, 24(9):747-759. doi: 10.1016/j.tics.2020.06.006. Epub 2020 Jul 13.

231. Maallo, A. M., Freud, E., Liu, T. T., Patterson, C. and **Behrmann, M.** (2020). Effects of unilateral cortical resection of visual cortex on bilateral human white matter, *Neuroimage,207, 116345.* doi: 10.1016/j.neuroimage.2019.116345.]. PMID: 31712165.

230. Blauch, N., **Behrmann, M.** and Plaut, D. C. (2020). Computational insights into human expertise for familiar and unfamiliar face recognition. https://psyarxiv.com/bv5mp/, *Cognition, 203,* 22:104341. doi: 10.1016/j.cognition.2020.104341. PMID: 32586632

229. **Behrmann, M.** and Plaut, D. C. (2020). Hemispheric organization in the service of object recognition. *Perception,* doi.org/10.1177/0301006619899049.

228. Sehyr, Z., Holcomb, P. J., Emmorey, K., **Behrmann, M.,** and Plaut, D. C. (2020). Unique N170 asymmetries to visual words and faces reflect experience-specific adaptation in adult deaf ASL signers, *Neuropsychologia*, Apr;141:107414. doi: 10.1016/j.neuropsychologia.2020.107414.

227. Postema, M. C., van Rooij, D., … **Behrmann, M**… et al. (2019). Altered structural brain asymmetry in Autism Spectrum Disorder: a large-scale analysis via the ENIGMA Consortium, *Nature Communications,* Oct 31;10(1):4958. doi: 10.1038/s41467-019-13005-8.

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1b. Refereed Journals: submitted, being revised or in preparation

Magesh, R., Mayo, J. P., Gonazales-Martinez, J., **Behrmann, M.** A large-scale intracranial EEG dataset to investigate pulvino-cortical interactions during visual processing of affective stimuli.

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1c. Commentaries and other writing

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2. Books and Book Chapters

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D. PRESENTATIONS

1. Invited papers presented at recent scientific meetings

Behrmann, M. (2027). Grand rounds, University of Pittsburgh Neurology.

Behrmann, M. (2026). University of Copenhagen symposium associated with receiving Honorary Doctorate.

Behrmann, M. (2026). Speaker, Systems Vision Science Symposium. Max Planck Institute of Biological Cybernetics. July 2026.

Behrmann, M. (2026). Meet-the-expert. Society for Neuroscience, Washington, November.

Behrmann, M. (2026). Collaborative and competitive dynamics in category-selective cortical (re)organization over development. Society for Neuroscience, Washington, November.

Behrmann, M. (2025). The mind's eye: a quest from vision to consciousness. Weizmann Institute of Science, Israel.

Behrmann, M. (2025). Israel Vision Science Society, Tel Aviv, Israel.

Behrmann, M. (2025). Keynote speaker. VISTA 2025: The Brain and Integrative Vision, York University, Toronto

Behrmann, M. (2025). Keynote speaker, Seeing and Action Workshop, University of Coimbra, Portugal.

Behrmann, M. (2025). Keynote speaker, ANTNeuro Neuromeeting, Franklin Institute, Philadelphia, April.

Sahel, J. A.… **Behrmann, M.** (2024) Updated Safety Results from the PIONEER study: Optogenetics for Non-Syndromic Retinitis Pigmentosa**.** The Macula Society.

Behrmann, M. (2024). The development, hemispheric organization and plasticity of high-level vision. Bartlett Lecture, York University, UK.

Behrmann, M. (2024). What is done by the dorsal visual pathway, and how? April, Centre for Research on Brain, Language and Music, Montreal

Behrmann, M. (2023). The roots, present, and future of cognitive neuroscience. Address at Cognitive Neuroscience Society Symposium, San Francisco.

Behrmann, M. (2023). Face patches and circuitry in human and non-human inferotemporal cortex. Cognitive Neuroscience Society Symposium in memory of Dr Leslie Ungerleider, San Francisco.

Behrmann, M. (2022). Nu Rho Psi Induction Speaker, Slippery Rock University.

Behrmann, M. (2022) **I**nstitute of Cognitive Neuroscience, Wellcome Institute, London, UK.

Behrmann, M. (2022). Colloquium, Department of Neurobiology, University of Pittsburgh.

Behrmann, M. (2022). Colloquium, Surgical Neurology Branch of the NIH in Bethesda.

Behrmann, M. (2022). University of Pittsburgh Epilepsy Center Grand Rounds, Epilepsy Center.

Behrmann, M. (2022). Keynote speaker, Duke University, DIBS Distinguished Lecture and Symposium, virtual.

Behrmann, M. (2022). Sharif Neuroscience Conference, Tehran, Iran.

Behrmann, M. (2021). Bar Ilan University, Visual Colloquium. The emergence and plasticity of visual domain organization in the cerebral hemispheres.

Behrmann, M. (2021). Hemispheric organization and pattern recognition. VSS, Virtual.

Behrmann, M. (2021). Society for Research in Child Development, virtual meeting. The emergence of hemispheric organization: The case of faces and words.

Behrmann, M. (2020). Keynote speaker, Cognitive Neuroscience Society, virtual meeting. Hemispheric organization for visual recognition.

Behrmann, M. (2019). Keynote speaker. The organisational principles of the visual ventral stream: convergent evidence from neuroimaging, neuropsychology, and computational modelling. MRC Cognition and Brain Sciences Unit (CBU) Cambridge, UK.

Behrmann, M. (2019). Keynote speaker ECVP Leuven, Belgium.

Behrmann, M. (2019). Discussant, symposium, Face perception and face recognition: a clinical perspective, ECVP Leuven, Belgium.

Behrmann, M. (2018). Invited speaker, National Eye Institute 50th anniversary, Bethesda, MD.

Behrmann, M. (2018). Invited speaker, International Neuropsychology Symposium, Cassis, France, June.

Behrmann, M. (2018). Invited speaker, Brenda Milner Centennial Symposium, Montreal, Canada.

Behrmann, M. (2016). Keynote speaker, Shenzen Neuroscience Symposium, China, December.

Behrmann, M. (2016). Invited speaker, 2016 McDonnell Summer Institute in Cognitive Neuroscience.

Behrmann, M. (2016). Invited speaker, Gordon conference on Neurobiology of Cognition.

2. <u>Papers presented at meetings and symposia (last five years)</u>

Chroneos, M., Mayo, J. P. and **Behrmann, M.** An fMRI Study of Directional Smooth Pursuit Control After Hemispherectomy. American Epilepsy Society, Denver, CO, December 2026.

Martin, K. C., Plaut, D. C. and **Behrmann, M**. Decoding of vocalized sentences, melodies, and emotions in the left and right perisylvian cortex of healthy adults. Society for the Neurobiology of Language, Geneva, Switzerland, October 2026.

Magesh, R. G., Mayo, J. P., Matinez-Gonzalesz, J. and **Behrmann, M**. A large-scale intracranial EEG dataset to investigate pulvino-cortical interactions during visual processing of affective stimuli, Society for Neuroscience, DC. November 2026.

Behrmann, M. Collaborative and competitive dynamics in category-selective cortical (re)organization over development. Society for Neuroscience, DC. November 2026.

Granovetter, M. C., Robert, S., Avni, I., Ettensohn, L. and **Behrmann, M**. (2026). Hemispheric Surgery Patients Are Impaired in Both Coarse and Fine Visual Perception, Independent of Side Resected and Surgery Age. American Epilepsy Society, Denver, CO, December 2026.

Mirebrahimi, A., Plaut, D. C. and **Behrmann, M.** (2026). Shared versus specialized pathways in learning computationally divergent visual behaviors. Poster presentation, Cognition Computational Neuroscience meeting.

Granovetter, M. C., Jones, M. and **Behrmann,** M. (2026) Non-Seizure Outcomes of Pediatric Hemispheric Epilepsy Surgery: A Roadmap for Child Neurologists. 55th Child Neurology Society Annual Meeting

Avni, I., Patterson, C. and **Behrmann, M.** (2026). Elucidating the 'eye-print' of neurodevelopmental disorders. Pioneering Israeli Science Conference, New York, May.

Mirebrahimi, A., **Behrmann, M.** and D. Plaut (2026). Computational Advantages of Pathway Specialization for Object Recognition and Visually-guided Grasping. Vision Sciences Society, St Petersburg, FL.

Robert, S., Patterson, C. and **Behrmann, M.** (2026). Event-Based Network Dynamics After Pediatric Cortical Resection: Case-Series Evidence from Movie-Watching fMRI. Vision Sciences Society, St Petersburg, FL.

Chroneos, M. Z., Mayo, J. P. and **Behrmann, M. (**2025**)** Naturalistic Visual Search After Childhood Hemispherectomy, America Epilepsy Society, Atlanta.

Zachariou, Z., **Behrmann, M**., Jiang, Y., Nikolajczyk, B. S., Kern, P. A. & Coskun, E. P. (2025). The Impact of Brain Iron on Face Perception in Older Adults. Society for Neurosciences, San Diego.

Zachariou, V. Behrmann, M., Jiang, Y., Nikolajczyk, B. S., Kern, P. A. & Coskun, E. P. (2025). Reduced Face Perception in Aging Linked to Iron Accumulation in Face-Processing Brain Regions. Alzheimer's Association International Conference. Toronto.

Pinchuk Yacobi, N., Sagi, D., **Behrmann, M.** and Bonneh, Y. (2025) Long-Range Serial Dependence Predicts the Specificity of Perceptual Learning. International Society for Autism Research.

Granovetter, M. C., Jones, M., Puka, K., Robert. S. and **Behrmann, M.** (2024). Delineating Behavioral and Mental Health Outcomes Following Childhood Hemispheric Surgery. Annual Meeting of the American Epilepsy Society, Los Angeles.

Chroneos, M. Z., Mayo, J. P. and Behrmann, M. (2024). Saccade profiles across contexts in childhood hemispherectomy. *Vision Sciences Society, Florida.*

Ayzenberg, V., Granovetter, M. C., Robert, S., Patterson, C. and Behrmann, M. (2024). Differential functional organization of ventral and dorsal visual pathways following childhood hemispherectomy. *Vision Sciences Society, Florida.*

Granovetter, M. C., Patterson, C. and **Behrmann, M**. (2023). Following Pediatric Hemispherectomy, the Composition of the Patient's Healthcare Team Expands: An Analysis of the Global Pediatric Epilepsy Surgery Registry. Child Neurology Society.

Granovetter, M. C., Robert, S., Patterson, C. and **Behrmann, M**. (2023). Characterizing Cognitive and Neuropsychological Outcomes Following Pediatric Hemispherectomy. American Epilepsy Society, Orlando, FL.

Chroneos, M. Z., Mayo, J. P., **Behrmann, M.** (2023). Horizontal and vertical smooth pursuit after childhood hemispherectomy. *Society for Neurosciences, Washington DC.*

Robert, S., Granovetter, M. C. and **Behrmann, M.** (2023). Plasticity of Hemispheric Functional Organization after Pediatric Epilepsy Surgery. S*ociety for Neurosciences, Washington DC.*

Robert, S., Granovetter, M. C. and **Behrmann, M.** (2023). Hemispherectomy-induced alterations in the lateralization of spatial- and object-based attention, *Vision Sciences Society, Florida.*

Ayzenberg, V. and **Behrmann. M**. (2023). Dorsal and ventral visual pathways: An expanded neural framework for object recognition, *Vision Sciences Society, Florida.*

Kramer, M.A., Ayzenberg, V., Wang, Z., Patterson C. and **Behrmann, M.** (2023). Functional contributions of the dorsal pathwav to shape perception: Evidence from intracranial recording, *Vision Sciences Society, Florida.*

Chroneos, M. Z., Willett, S. M., Robert, S., Mayo, J. P., **Behrmann, M.** (2023). Sinusoidal Smooth Pursuit After Childhood Hemispherectomy. *Vision Sciences Society, Florida.*

Robinson, A. K., Grootswagers, T., Shatek, S. M., **Behrmann, M.** and Carlson, T. A. (2022). The dynamics of object coding within and across the hemispheres. *Society for Neurosciences, San Diego.*

Robert, S., Granovetter, M., Patterson, C. and **Behrmann, M.** (2022). Investigation of hemispheric functional organization after pediatric epilepsy surgery with naturalistic neuroimaging, *Vision Sciences Society, Florida.*

Blauch, N., **Behrmann, M.** and Plaut, D. C. (2022). Connectivity constraints, viewing biases, and task demands within a bi-hemispheric interactive topographic network model account for the layout of human ventral temporal cortex, *Vision Sciences Society, Florida.*

Liu, T. T., Granovetter, M., Maallo, A. S. M., Fu, J. Z., Patterson, C. **and Behrmann, M.** (2022). Plasticity of visual cortex following large cortical resection, *Vision Sciences Society, Florida.*

Granovetter, M. C., Maallo, A. M. S., Glen, D., Patterson, C. and **Behrmann, M**. (2021). Morphometric Changes in the Intact Hemisphere After Pediatric Epilepsy Surgery, American Epilepsy Society.

Vin, R., Blauch, N., **Behrmann, M.** (2021). Investigating distributed functional connectivity during word and nonword visual recognition. Vision Science Society.

Glen, D. R., Levenstein, J. Granovetter, M., Maallo, A. M. S. and **Behrmann, M.** (2021). Large lesion brain alignment. Organization of Human Brain Mapping.

Ahmad, Z., **Behrmann, M.,** Patterson, C. and Freud, E. (2021). Unilateral Cortical Resection of Both Visual Pathways Alters Action but not Perception in a Pediatric Patient with Pharmaco-resistant Epilepsy.

Behrmann, M. (2021). The Emergence of Hemispheric Organization: The case of faces and words. SRCD April.

Chamanzar, A. **Behrmann, M.** and Grover, P. (2021). Neural silences can be localized rapidly using template head models. SFN, virtual.

Granovetter, M. C., Maallo, A. M. S., Patterson, C. and **Behrmann, M**. (2021). Cortical morphology of the contralesional hemisphere following pediatric unilateral resection. SFN, virtual.

3. Departmental colloquia/seminars since 2014

2026: • Computational Cognition Center of Excellence and the Institute for Neuroscience, Neurotechnology, and Society (INNS) at Georgia Tech. • Department of Cognitive Science, Haifa University, Israel. • Distinguished Professor Lecture, Research Institute of the McGill University Health Centre, Montreal • University of Copenhagen

2025: • Colloquium, Columbia University • Colloquium, Cognitive Science Department at Johns Hopkins University

2024: • Swiss Association of Neuropsychologists • Bartlett lecture, York, UK • Killam lecture, Montreal • Children's Neuroscience Unit, Children's Hospital Pittsburgh.

2023: • New York University • Washington University • University of Trento (Mind/Brain Sciences) • Institute for Brain Science, South Korea • Rank Symposium, Cumberland, UK • Vision Institute, Paris

2022: • Surgical Neurology Branch of the NIH • Sharif Neuroscience Symposium, Tehran • Duke Institute for Brain Sciences Distinguished Lecture 2022 • Department of Neurobiology, University of Pittsburgh • National Institutes of Health (Memorial Leslie Ungerleider symposium) • New York University

2021: • Salk Institute, UCSD • Grand Rounds, UPMC

2020: Princeton University • Michigan State University • NIH Workshop Understanding Human Retina Biology and Perception

2019: Rice University, February • Peking University, Beijing, March • University of Massachusetts at Amherst • Hebb Lecture at McGill University, Montreal • Leadership Pittsburgh Keynote speaker Annual meeting, Pittsburgh, January • Leader Brain talk, Leadership Pittsburgh, March • Keynote speaker, Brain recovery Project, Cleveland, July • Keynote speaker European Conference on Visual Perception, Leuven, Belgium, August • Keynote speaker MRC CBU, University of Cambridge, UK, September.

2018: IBRO-Simons computational neuroscience summer school in South Africa • Learning Forum Emory University, Atlanta • Installment of the Nornes Lectureship in Neuroscience, Concordia College, Moorhead, MN • International Neuropsychological Symposium, Cassis, France • Montreal Neurological Institute, Canada • 50th anniversary National Eye Institute, Washington DC • Women in Data Science international conference, Pittsburgh PA • University of Oregon.

2017: National Institutes of Health • University of California, Davis • Washington University, St Louis • Brown University • York University, Toronto • Statistical Analysis of Neural Data (SAND8), Pittsburgh, PA • University of Maryland • University of Reno.

2016: University of California, San Diego • Arizona State University • Organizer Neurons to Neighborhood, Carnegie Mellon University • ICM - Institut du Cerveau et de la Moelle épinière, Paris

2015: George Washington University • University of California, San Diego • University of Toronto • University of Pennsylvania • University of Trento, Italy • SISSA, Trieste, Italy

2014: Ohio State University • West Virginia University • Macquarie University, Sydney

Other synergistic activities:
Keynote speaker, Leadership Pittsburgh Lunch, February 2019
Big Table host, Carnegie Mellon University (under auspices of Leadership Pittsburgh), April 2019
Rothschild Award selection committee
Troland prize committee, National Academy of Sciences
Membership committee, Section 52, National Academy of Sciences
SFN prize committees, Society for Neurosciences
Advisory board, Methusalem grant, KU Leuven, 2025-
Chair, Prize committee, Society of Experimenting Psychologists 2025
Member, Committee Lila R. Gleitman Prize for Early-Career Contributions to Cognitive Science
Member, Committee, Vision Sciences Society's Davida Teller Award

E. STUDENT/POSTDOC TRAINING and Awards

Graduate students (n=20) (older bottom right column to more recent upper left column)

Name	Status	Name	Status
Claire Simmons	Current		
Aida Mirebrahimi	Current, Program in Neural Computation	Linda Moya	Distinguished Service Professor, Carnegie Mellon University
Maria Chroneos	Current, MSTP, F award, Rita Levi Montalcini fellowship	Cibu Thomas	Center for Scientific Review, NIH.
Sophia Roberts	Current, Graduate Research Fellowship, NSF	Dwight Kravitz	Associate Professor, George Washington University
Nick Blauch	Postdoc, Harvard	Anthony Cate	Assistant Professor, Roanoke College
Michael Granovetter	Internship, MSTP, American Epilepsy Society, American Foundation Fellowship	Joy Geng	Professor, University of California, Davis
Elliot Collins	MSTP, now Psychiatry Resident	Craig Haimson	Cognitive Science researcher, Interaction Design Foundation
Tina Tong Liu	Assistant Professor, Georgetown University	James Fleming	Science Teacher
Eva Dundas	Chief Learning Officer, Branching Minds	Rick Gilmore	(with Mark Johnson), Professor, Penn State
Jaime Doyle	Physician's Assistant, Neurosurgery at Geisinger Health System	Shaun Vecera	(with Martha Farah), Professor, University of Iowa

Postdoctoral fellows (n=31) (older bottom right column to more recent upper left column)

Name		Name	
Hannah Small	PhD, Johns Hopkins University, 2026		
Kelly Martin	PhD Georgetown, 2024	Mayu Nishimura,	PhD, McMaster University, Assist Professor, McMaster University
Raj Gautham Magesh	PhD, Johns Hopkins University, 2025	Serena Butcher	PhD Harvard
Inbar Avni	PhD Ben Gurion University, 2023	Katherine Humphreys	PhD London, Clinical Psychologist, Institute of Psychiatry, London
Shouyu Ling	PhD University of Toronto, 2022	Sarah Shomstein	PhD Johns Hopkins, Professor,
Vladislav Ayzenberg	PhD Emory University, Assistant professor, Temple University, 2020-2023	Lars Strother	PhD University of Virginia, Assoc Professor, University of Nevada
Marge Maallo	PhD U. Sydney Senior Scientist for Algorithms and Product Development at InSingulo AB	Jonathan Marotta	PhD Western University, Professo University of Manitoba
Erez Freud	PhD, Ben Gurion University, Associate Professor, York University	John Philbeck	PhD UC Santa Barbara, Professo George Washington University
Amanda Robinson	PhD University of Queensland, now Queensland Brain Institute Neuroscience	Galia Avidan	PhD Weizmann Institute, Profess Ben Gurion University
Mark Vida		Mark Orr	Research Associate Professor, U of Virginia
Sarah Haigh	PhD, Associate Professor, University of Nevada	Orna Rosenthal	Research Associate, University o Birmingham
Shai Gabay	PhD, Ben Gurion University, Professor, University of Haifa	Chris Baker (with Carl Olson)	Lab Chief, NIMH
Ilan Dinstein	PhD NYU, Associate Professor, Ben Gurion University	Marie Montant	Aix-Marseille University and CNF France
Adam Greenberg	PhD Johns Hopkins, Assistant Professor, Marquette University	Therese Huston	Founding director of the Center Excellence in Teaching and Lear at Seattle University
Adrian Nestor,	PhD, University of Toronto, Associate Professor, University of Toronto	Suzanna Becker	Professor, McMaster University

K. Suzy Scherf	PhD. University of Pittsburgh, Associate Professor, Penn State	Richard Zemel	PhD University of Toronto, Profe Columbia University

Faculty mentoring
Jacqueline Snow, University of Nevada
Lars Strother, University of Nevada
Meike Ramon, University of Fribourg, Switzerland
Smadar Ovadia-Yosef, University of Haifa.

Lab visitors for semester or more
Rutie Kimchi, University of Haifa
Marco Neppi-Modona, University of Turin
Lisa Saskia Arduino, University of Rome
Marie Montant, CNRS Marseille
Rachel Mycroft, University of Exeter
Avital Hahamy, Weizmann Institute of Science, Israel

F. Department and University Service

CMU

1. Adviser, Postdocs Psychology Department
2. Mental Health Training Ad Hoc Committee for Student Experience
3. Task Force for Climate Change (faculty focus)
4. Committee, Mental Health priorities at CMU

University of Pittsburgh

1. Steering committee, Ophthalmology
2. Mentoring committee, Ophthalmology
3. Co-PI and advisor on T32 training grant
4. Jury on theses by Alexander Delaux and by Valerio Salvati, Sorbonne Université

G. TEACHING

My teaching has revolved around two major themes: Biological Foundations of Behavior (sometimes referred to as Physiological or Biological Psychology) and Visual Cognition. I have taught courses at both the undergraduate and graduate level. Several of the classes bring these two themes together (e.g. Introduction to Cognitive Neuroscience and Cognitive Neuropsychology). Examples of courses include:

a. Introduction to Cognitive Neuroscience
b. Cognitive Neuropsychology
c. Biological Foundations of Behavior
d. Visual Cognition
e. Cognitive Psychology (graduate level)
f. Hemispheric specialization
g. Team teaching in the Biology of Vision, Ophthalmology

I have also taught upper-level and graduate seminar classes such as:
a. Attention
b. Perception and action
c. Visual cognition
d. Hemispheric organization

In the news

2026

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