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Education

2018 Ph.D., Cognitive Neurosciences, Université Claude Bernard Lyon 1, Lyon, France

2018 Ph.D., Vision Sciences, Université de Montréal, Montréal, Canada

2014 M.Sc., Neurosciences, Université Claude Bernard Lyon 1, Lyon, France

2012 B.Sc., Physiology, Université Claude Bernard Lyon 1, Lyon, France

Professional experience

2019-present Postdoctoral fellow, Visual Psychophysics and Perception Laboratory, School of Optometry, Université de Montréal, Montréal, Canada

2018-2019 Postdoctoral fellow, ImpAct team, Lyon Neuroscience Research Center, Bron, France

Publications

Peer Reviewed Journal Articles

2018 **Mikula L**, Jacob M, Tran T, Pisella L, Khan AZ. Spatial and temporal dynamics of pre-saccadic attentional facilitation before pro- and anti-saccades. *Journal of Vision*, 18(11):2, 1-16.

2018 **Mikula L**, Sahnoun S, Blohm G, Pisella L, Khan AZ. Vibrotactile information improves proprioceptive reaching target localization. *PLoS ONE*, 13(7): e0199627.

2018 **Mikula L**, Gaveau V, Pisella L, Khan AZ, Blohm G. Learned rather than online relative weighting of visual-proprioceptive sensory cues. *Journal of Neurophysiology*, 119(5), 1981-1992.

Submitted Articles

2018 **Mikula L**, Blohm G, Khan AZ, Pisella L. Movement drift in optic ataxia reveals deficits in hand state estimation. *Cortex*.

Fellowships & Awards

2017 Excellence Scholarship, Faculté des Etudes Supérieures (FESP) & École d'Optométrie de l'Université de Montréal (ÉOUM), Canada

2017 Scholarship for end of PhD studies, Faculté des Etudes Supérieures et Postdoctorales (FESP), Canada

2017 Additional funding for students, Groupe de Recherche en Sciences de la Vision (GRSV), Canada

2016 Winner of the contest "Votre recherche en BD" (Your research in comics), Fédération des Associations Étudiantes du Campus de l'Université de Montréal (FAÉCUM), Canada

2015 Doctoral Mobility Fellowship, LabEx CORTEX, France

2015 Doctoral Mobility Fellowship, Programme Avenir Lyon Saint-Étienne (PALSE), France

Invited Talks

2019 Multisensory integration for reaching movements. York University, Toronto, Canada, May 27

2018 Multisensory integration for reaching movements. Justus Liebig University Giessen, Germany, August 14

2018 Intégration visuo-proprioceptive pour l'action. Rencontres Mouvement et Handicap, Lyon, France, February 8

2017 Involvement of the posterior parietal cortex in online control of reaching. Doctoral School Neuroscience and Cognition Annual Scientific Meeting, Lyon, France, September 11

2016 Proprioceptive weights are independent of left and right hand sensory reliabilities. CORTEX Students Club, Lyon, France, April 25

2015 Intégration multi-sensorielle pour l'action chez les sujets sains et les patients avec ataxie optique. École d'optométrie, Université de Montréal, Canada, December 15

Conference Activity

2019 Pisella L, Jurkiewicz T, **Mikula L**. Troubles visuo-spatiaux et ataxie optique. *Journées de Neurologie de Langue Française*, Lille, France, April 16-19

2017 **Mikula L**, Pisella L, Blohm G, Khan AZ. Involvement of the posterior parietal cortex in online control of reaching. *Society for Neuroscience*, Washington, DC, November 11-17

2016 **Mikula L**, Jacob M, Pisella L, Khan AZ. Temporal dynamics of attention before anti-saccades. *Journal of Vision*, 16(12), 1044-1044.

2016 **Mikula L**, Jacob M, Tran T, Pisella L, Khan AZ. Temporal dynamics of attention before anti-saccades. *Vision Sciences Society*, St. Pete Beach, FL, May 13-16

2016 **Mikula L**, Jacob M, Tran T, Pisella L, Khan AZ. Temporal dynamics of attention before anti-saccades. *Doctoral School Neuroscience and Cognition Annual Scientific Meeting*, Lyon, France, May 3

2015 **Mikula L**, Pisella L, Blohm G, Khan AZ. Proprioceptive weights are independent of left and right hand sensory reliabilities. *21st Annual Meeting of the FRQS Vision Health Research Network*, Québec, QC, November 6

2015 **Mikula L**, Pisella L, Blohm G, Khan AZ. Proprioceptive weights are independent of left and right hand sensory reliabilities. *Society for Neuroscience*, Chicago, IL, October 17-21

2013 Claude L, Sauzeau J-B, **Mikula L**, Perchet C, Magnin M, Garcia-Larrea L, Mazza S, Bastuji H. Modulation of nociceptive information processing during paradoxical sleep: an intracerebral recording study in Humans. *Congress of the EFIC (European Federation of IASP Chapters)*, Florence, Italy, October 9-12

Teaching Experience

Université de Montréal, Teaching Assistant

Neurophysiology of Eye Movements (undergraduate, fall 2015)

Research Experience

2014 Student intership: "Contribution of visual and proprioceptive information to pointing movements", ImpAct team, Lyon Neuroscience Research Center, Bron, France. Advisors: Laure Pisella & Aarlenne Z Khan

2013 Student intership: "Modulation of nociceptive information processing during paradoxical sleep in humans", Neuropain team, Lyon Neuroscience Research Center, Bron, France. Advisor: Hélène Bastuji

Outreach

2017 Ma Thèse Pour Les Nuls (My Thesis for Dummies), Lyon Science Fair, October 14

2016 Ma Thèse en 180 secondes (Three Minute Thesis), Rhône-Alpes regional final, April 28

Memberships

Society for Neuroscience

Vision Sciences Society

Languages

French: Native ■■■■■

English: Advanced reading, writing and speaking ■■■■■

Spanish: Elementary reading, writing and speaking ■■■■■

References

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