

MAXIME MONTEMBEAULT, PHD

- Assistant professor & Researcher at McGill University & Douglas Research Centre
- Licensed clinical neuropsychologist (Ordre des psychologues du Québec : 13822-20)
- Research interests: language, semantics, social cognition, emotion, brain connectivity, aging, frontotemporal dementia, primary progressive aphasia, Alzheimer's disease

EDUCATION

Postdoctoral Fellowship (2019-2022)

Memory & Aging Center (MAC), University of California, San Francisco (UCSF), USA

Directors: Dr. Maria Luisa Gorno-Tempini and Dr. Kate Rankin

Ph.D. (Research/Intervention) in Clinical Neuropsychology (2012-2018)

University of Montreal (UdeM) and Centre de recherche Institut universitaire en gériatrie de Montréal (CRIUGM), Canada

Directors: Dr. Simona Brambati and Dr. Isabelle Rouleau

B.Sc. (Honours) in Psychology (2008-2011)

University of Montreal (UdeM), Canada

Directors: Dr. Simona Brambati and Dr. Sven Joubert

RESEARCH EXPERIENCE

Assistant professor & Researcher (2022-...)

Department of Psychiatry, McGill University & Douglas Research Centre, Montréal, Canada

Adjunct professor (2022-...)

Department of Psychology, Université de Montréal, Canada

Adjunct professor (2022-...)

Department of Psychology, Université du Québec à Montréal, Canada

Lecturer (2017-2024)

Department of Psychology, Université de Montréal, Canada

Research assistant (2011-2012)

Institut national d'excellence en santé et services sociaux (INESSS), Montréal, Canada

VISITING POSITIONS

Visiting professor (Sept. 2025)

Université de Lille, Lille, France

Collaborator: Dr. Maxime Bertoux

Visiting professor (Apr.-June 2024)

Center for advanced studies (CAS) – Ludwig-Maximilians-Universität München, Munich, Germany

Collaborator: Dr. Nikolaos Koutsouleris, International workgroup "Tools for transnational neuropsychiatric research"

Visiting student (Oct.-Dec. 2016)

Paris Brain Institute, Pitié-Salpêtrière Hospital / Pierre et Marie Curie University, Paris, France

Collaborator: Dr. Raffaella Migliaccio

CLINICAL EXPERIENCE**Neuropsychologist (2019–2022)**

UCSF Memory & Aging Center, San Francisco, USA

Major pre-doctoral internship in Clinical Neuropsychology (2018)

McGill University Research Centre for Studies in Aging & CIUSSS du Nord-de-l'Île-de-Montréal, Montréal, Canada

Major pre-doctoral internship in Clinical Neuropsychology (2017)

Moe Levin Memory Clinic, Douglas Mental Health University Institute, Montréal, Canada

Minor pre-doctoral internship in Clinical Psychology (2016)

Lucie-Bruneau Rehabilitation Centre, Montréal, Canada

Child/Adolescent Neuropsychology Practicum (2014–2015)

Clinique Universitaire de Psychologie, Université de Montréal, Canada

Adult/Elderly Neuropsychology Practicum (2013–2014)

Clinique Universitaire de Psychologie, Université de Montréal, Canada

TEACHING EXPERIENCE**Full courses:**

- NEUR602 :Current Topics in Neuroscience (Section: Neuropsychology of Aging and Dementia), *Integrated Program in Neuroscience, McGill*, Semester(s) : Fall 2025
- PSY2007: Laboratoire de recherche (Neuropsychologie du vieillissement), *Dpt Psychology UdeM*, Semester(s) : Fall 2018, Winter 2021, Fall 2021, Fall 2023, Winter 2024, Fall 2024
- PSY3254: Maturité et vieillesse, *Dpt Psychology UdeM*, Semester(s) : Fall 2020
- PSY1006: Méthodologie scientifique, *Dpt Psychology UdeM*, Semester(s) : Winter 2017

Invited lectures:

- “Aphasies primaires progressives,” PSY6419, *Dpt Psychology, UdeM* – 1 hr, 10/2022
- “The semantic behavioral variant of frontotemporal dementia (svbFTD),” Memory & Aging Center Neuropsychology Fellows Seminar, *UCSF* – 1 hr, 02/2022
- “Impact de la cognition sur le langage et la parole dans les maladies neurodégénératives,” *School of Communication Sciences and Disorders, McGill* – 2 hr, 11/2021
- “Neuropsychological testing: Episodic memory,” Postdoctoral Educational Curriculum, Memory & Aging Center, *UCSF* – 1 hr, 05/2019
- “Neuropsychological tests used in the evaluation of elderly and individuals with dementia,” PSY6415, *Dpt Psychology, UdeM* – 05/2019
- “Workshop: Voxel-based morphometry and SPM12,” PSY2007, *Dpt Psychology, UdeM* – 09/2016
- “Measures in research in Psychology,” PSY1006, *Dpt Psychology, UdeM* – 11/2015

SUPERVISION**Postdoctoral students:**

- Director (10/2025 - ...) Arabella Bouzigues, *Dpt Psychiatry McGill University*, Title: Cross-linguistic connected speech markers in genetic frontotemporal dementia patients (Co-director: Simon Ducharme)
- Director (06/2025 - ...) Valérie Coulombe, *Dpt Psychiatry McGill University*, Title: Production and comprehension of linguistic and affective prosody in frontotemporal dementia

Visiting students:

- Co-director (06/2024 – 06/2025) Jieying Li, Postdoc, *Dpt Neurology & Neurosurgery McGill*, Title: High brain dynamics mediate audiovisual integration deficit and cognitive impairment in Alzheimer's disease (Director: Pedro Rosa Neto)
- Director (09/2024 – 12/2024) Xanthy Lajoie, PhD Neuroscience, *Dpt Psychology UdeM*, Title: The impact of sex on clinical profiles in primary progressive aphasia
- Director (10/2022 – 08/2023) Gabriel Pinilla, Postdoc *CRIUGM UdeM*, Title : Predicting Alzheimer's disease pathology in older adults using subjective word-finding complaints vs. objective naming impairments

Doctoral students:

- Director (09/2025 - ...) Andrea St-Amant, Neuropsychology, *Dpt Psychology UdeM*, Title: Cognitive profile in older LGBTQ+ adults (Co-director: Robert-Paul Juster)
- Director (09/2025 - ...) Mélodie Leclerc, Neuropsychology, *Dpt Psychology UdeM*, Title: Face processing impairments in neurodegenerative disorders (Co-director: Sven Joubert)
- Director (09/2025 - ...) Anna Marier, *Integrated program in Neuroscience McGill University*, Title: Novel word-finding assessments for the detection of preclinical Alzheimer's disease (Co-director: Pedro Rosa-Neto)
- Director (09/2025 - ...) Delphine Oliva-Lopez, *Integrated program in Neuroscience McGill University*, Title: Toward a Biomarker-Based Diagnostic and Staging Model for Alzheimer's Disease (Co-director: Pedro Rosa-Neto)
- Director (09/2025 - ...) Natasha Lupien, Psychology, *Dpt Psychology UdeM*, Title: Real-life social impacts of social cognitive impairments in older adults.
- Director (09/2024 - ...) Marie-Anne St-Georges, Neuropsychology, *Dpt Psychology UdeM*, Title: Mentalizing deficits in older adults and neurodegenerative disorders (Co-director: Sven Joubert)
- Director (01/2024 - ...) Parsa Afrooz, *Integrated program in Neuroscience McGill University*, Title: The impact of sex on clinical & neuroimaging profiles in frontotemporal dementia (Co-director: Mahsa Dadar)
- Co-director (09/2022-...) Thomas Carrier, Neuropsychology, *Dpt Psychology UQAM*, Title: Development of a dynamic multimodal emotion recognition test for the diagnosis of frontotemporal dementia (Director: Isabelle Rouleau)
- Co-director (09/2019-02/2023) Vanessa Kinda Zayed, Neuropsychology, *Dpt Psychology UdeM*, Title: Characterization of word-finding complaints in patients with mild cognitive impairment (Director: Simona Brambati)
- Director (09/2020-10/2021) Amandine Geraudie, Medicine, *Université Toulouse III & UCSF*, Title: Troubles du langage et de la parole dans la forme comportementale de dégénérescences frontotemporales: Revue systématique et étude semi-automatisée du discours (Co-director: Maria Luisa Gorno-Tempini)

Masters students:

- Director (09/2025 - ...) Sara Barbu, Psychology, *Dpt Psychology UdeM*, Title: The impact of aging and social determinants of health on social cognitive abilities
- Director (01/2025 - ...) Enqi Wang, Mental Health, *Dpt Psychiatry McGill*, Title: The impact of social determinants of health on cognition in aging
- Director (09/2024 - ...) Fahed El-Khaldi, *Integrated program in Neuroscience McGill*, Title: A novel marker of word-finding difficulties for the early detection of Alzheimer's disease
- Director (09/2023-08/2025) Anna Marier, Psychology, *Dpt Psychology UdeM*, Title: Symptômes langagiers à travers les stades d'accumulation de la protéine tau dans la maladie d'Alzheimer
- Director (01/2020-08/2020) Amandine Geraudie, Neuropsychology and clinical neuroscience, *Université Toulouse III & UCSF*, Title: Prosodie expressive dans la variante sémantique de l'aphasie primaire progressive (Co-director: Maria Luisa Gorno-Tempini)

Undergrad students

- Director (05/2025 – ...) Jean-Christophe Maranda, Volunteer/PSY4001-4002 Honors project, *Dpt Psychology UdeM*
- Director (06/2025 – ...) Juliette Huot, Volunteer/PSY4001-4002 Honors project, *Dpt Psychology UdeM*
- Director (09/2025 - ...) Leticia Penkov, PSYC349 project/Volunteer, *Dpt Psychology McGill*
- Director (01/2023 - ...) Siobhan Naegelen, PSYC395 project/Volunteer, *Dpt Psychology McGill*
- Director (01/2023 - ...) Aurélie Garrone, Volunteer, *Dpt Psychology Concordia University*
- Director (11/2022 - ...) Zihao (Gavin) Geng, PSYC494 project/Volunteer, *Dpt Psychology McGill*
- Director (09/2024 – 04/2025) Grace Dominko, PSYC380 Honors project, *Dpt Psychology McGill*

- Director (09/2024 – 04/2025) Simon Ceter-Matas, COGS444 Honors project, *Dpt Cognitive Science McGill* (Co-director: Liziane Bouvier)
- Director (01/2024 – 04/2025) Anne-Sophie Leblanc, PSY3008-3009 project/Volunteer, *Dpt Psychology UdeM*
- Director (11/2022 – 10/2024) Linshan (Sunny) Wang, PSYC395 project/Volunteer, *Dpt Psychology McGill*
- Director (01/2023 – 08/2024) Sarah Akkad, COGS401-444 Honors project, *Dpt Cognitive Science McGill*
- Director (01/2023 – 04/2024) Phan-Anh Dang, PSYC496-497 Honors projects, *Dpt Psychology McGill*
- Director (01/2023 – 04/2024) Samuel Lefrançois, PSYC494 project, *Dpt Psychology McGill*
- Director (01/2023 – 04/2024) Minseo Kim, PSYC494 project, *Dpt Psychology McGill*
- Director (01/2023 – 04/2024) Vanessa Krohn, Volunteer, *Dpt Psychology McGill*
- Director (09/2023 – 04/2024) Lili Boukhari, COGS401 project, *Dpt Cognitive Science McGill*
- Co-director (09/2021 – 04/2023) Romane Farley, Honors project/Volunteer, *Dpt Psychology UQAM* (Director: Isabelle Rouleau)
- Director (01/2023 – 08/2023) Adina Cuchirita, PSYC496 Honors project, *Dpt Psychology McGill*
- Director (11/2022 – 08/2023) Drishiti Shah, Bourse d’initiation à la recherche au 1er cycle FRQS/Volunteer, *Dpt Psychology, Concordia University*
- Director (01/2023 -04/2023) Hannah Cho, COGS401 project, *Dpt Cognitive Science McGill*
- Director (01/2023 – 04/2023) Angele Wen, PSYC395 project, *Dpt Psychology McGill*
- Director (09/2022 – 04/2023) Emy Van Duyn, PSY3008-3009 project, *Dpt Psychology UdeM*
- Director (01/2021 – 06/2022) Sheila Tran, Volunteer, *Dpt Psychology, University of California in Berkeley*
- Co-director (05/2021 – 04/2022) Camille Duchesne, PSY3008-3009 project, *Dpt Psychology UdeM* (Director : Simona Brambati)
- Co-director (09/2021 – 04/2022) Ruben Castro Corral, SF Building Infrastructure Leading to Diversity (SF BUILD) intern, *Dpt Neurology UCSF* (Director : Eleanor Palser)
- Co-director (03/2021 – 08/2021) Daniel Rho, Volunteer, *Dpt Psychology, University of California in Berkeley* (Director : Eleanor Palser)
- Director (05/2020 – 08/2021) Shilpa Gummadi, IB191 project, *Dpt. Biology, University of California in Berkeley*
- Co-director (08/2019 – 12/2020) Zekai Fan, Volunteer, *Dpt Psychology, University of California in Berkeley* (Director : Sladjana Lukic)
- Co-director (09/2016 – 04/2017) Viviane Masciotra, PSY4001-4002 Honors project, *Dpt Psychology UdeM* (Director : Simona Brambati)
- Co-director (01/2016 – 06/2016) Audrey Sheehan, PSY3008 project, *Dpt Psychology UdeM* (Director : Simona Brambati)
- Co-director (08/2014 – 04/2015) Barbara Bach, Visiting intern, *Dpt Psychology UdeM* (Director : Simona Brambati)
- Co-director (01/2013 – 08/2013) Soufiane Kamali, Visiting intern, *Dpt Psychology UdeM* (Director : Simona Brambati)

Research staff

- Director (09/2025 - ...) Nastasia Mitrikeski, Research coordinator
- Director (09/2023 – 09/2024) Alyssa Stevenson, Research coordinator

RESEARCH FUNDING

As principal investigator

- 326 321\$ (07/2025-07/2029) – Fonds de recherche du Québec Santé – Chercheur boursier Junior 1.
Title : *Changements langagiers et socio-émotionnels dans le vieillissement et les maladies neurodégénératives*
- 1 861 778€ total, 333 000\$ for Canadian team (01/2026/01/2029) - EU Joint Programme – Neurodegenerative Disease Research (JPND) & Canadian Institutes for Health Research (CIHR)
Title: *Digital markers of Social Cognition for diagnosis & pRagnosis in Neurodegeneration (DISCeRN)*
Co-PIS: Maxime Bertoux, Chiara Cerami, Agustin Ibanez, Dana Samson, Esther van den Berg; Collaborators : Alessandra Dodich, Jan Van den Stock
- 200 000\$ (09/2024 – 09/2028) – Alzheimer Society of Canada & Brain Canada Foundation – “New investigator grant”
Title: *“Novel digital and adaptive marker of word-finding difficulties for early detection of Alzheimer’s disease”*
- 100 000\$ (08/2022 – 08/2028) – Douglas Research Centre – “Start-up funds”
Title: *Digital language tests for the diagnosis and disease monitoring of primary progressive aphasia*

- 74 910\$ (06/2024 – 05/2027) – Social Sciences and Humanities Research Council (SSHRC) – “Insight Development Grant”
Title: *Évaluation de la cognition sociale et de ses impacts au quotidien dans la population âgée québécoise*
Co-PI: Isabelle Rouleau
- 50 000\$ (06/2025 – 05/2026) - Healthy Brains, Healthy Lives – “Social Determinants of Health in Neuroscience Knowledge Transfer and Exchange Grant: Canadian Framework for Brain Health Research Initiative”
Title: *Towards a better integration of social determinants of health in the measurement of cognition in aging*
Co-PI: Annette Leibling
- 70 000\$ (03/2024 – 03/2026) – Canadian Institutes for Health Research (CIHR) – “Catalyst grant: Analysis of CLSA data”
Title: *The impact of occupational complexity on cognition in clinical neuropsychology practice with the elderly*
Co-PIs: Geneviève Sauvé, Sylvia Villeneuve, Simon Ducharme; Collaborators: Zachary Miller, Elena Tsoy
- 5000\$ (05/2024 – 12/2025) – McGill University – “Internal Social Sciences and Humanities Development Grant”
Title: *Impact of social cognitive abilities on the social aspects of daily life in aging*
- 74 880\$ (06/2024 – 05/2025) - Healthy Brains, Healthy Lives – “Social Determinants of Health in Neuroscience Team Grant: Canadian Framework for Brain Health Research Initiative”
Title: *Towards a better integration of social determinants of health in the measurement of cognition in aging*
Co-PI: Annette Leibling; Collaborators: Machelles Wilchesky, Isabelle Royal
- 99 561\$ (04/2023 – 03/2025) – Dialogue McGill – “Digital Health Research Funding Call”
Title: *Digital cognitive assessments for Quebec English-speaking older adults and patients on the Alzheimer’s disease spectrum*
- 24500\$ (04/2023 – 03/2025) Réseau Québécois de Recherche sur le Vieillissement (RQRV) – “Subvention pilote RT cognition”
Title : *Évaluation de la cognition sociale chez les individus âgés avec et sans trouble cognitif*
Collaborators: Simon Ducharme, Robert Laforce, Paolo Vitali, Isabelle Rouleau, Joël Macoir, Pedro Rosa Neto, Jessica Nehmé
- 10 000\$ (07/2023 – 12/2024) - Centre for Research on Brain, Language and Music – “Research Incubator award 2023”
Title: *Production and comprehension of linguistic and affective prosody in frontotemporal dementia*
Co-PIs: Simon Rigoulot, Marc Pell
- 25 000\$ (11/2022 – 12/2024) Healthy Brains, Healthy lives – “CONNECT research grant”
Title : *Innovative and inclusive cognitive assessment for older adults*
Co-PIs : Lesley Fellows, Denise Klein, Lisa Koski

As co-investigator

- 1 567 221\$ (04/2024-03/2028) – Fonds de Recherche du Québec Santé – « Plateforme de recherche intersectorielle sur le vieillissement – Renouveau des cohortes »
Title : *Biomarqueurs de Vieillesse et de démence : BIOVIE*
PI: Pedro Rosa-Neto; Other co-PIs: Yasser Iturria Medina, Tsuneyuki Ozaki, Jean-Paul Soucy, Anazodo Udunna, Paolo Vitali
- 25 697\$ (07/2025-06/2027) – Réseau Québécois de Recherche sur le Vieillissement (RQRV) – “Subvention pilote RT cognition”
Title : *Développement d’une batterie d’évaluation de la reconnaissance des visages pour les personnes âgées*
PI: Sven Joubert; Other co-PIs: Isabelle Rouleau, Thomas Tannou
- 10 000\$ (07/2023 – 12/2024) - Centre for Research on Brain, Language and Music – “Research Incubator award 2023”
Title: *Understanding the effects of vocal age on interpersonal communication: the case of regret*
PI: Marc Pell; Other co-PI: Shari Baum
- 20 000\$ (11/2022 – 11/2023) - Réseau de Bio-Imagerie du Québec – “ Concours de projets-pilote ”
Title: *Biomarkers and Clinical Predictors of Cognitive Decline in Older Adults with Severe and Persistent Mental Illnesses*
PI: Simon Ducharme; Other co-PIs: Jean-Paul Soucy, Judes Poirier, Louis Collins, Mahsa Dadar, Mallar Chakravarty, Serge Beaulieu, Sherri Lee Jones, Sylvia Villeneuve

As collaborator

- 2 209 732\$ (11/2023 – 11/2026) Fonds de Recherche du Québec Santé – «Alliance en santé mentale et neurosciences»
Title : *Établissement de l'Alliance en santé mentale du Québec : viser une stratégie concertée de recherche en santé mentale et en neuroscience*
Pls : Martin Lepage, Stéphane Guay, Marc Hébert; Other Collaborators : Ahmed-Jérôme Romain, Amelie Achim, Caroline Menard, Chantal Mérette, Claudia Savard, Claudia Trudel-Fitzgerald, David Benrimoh, David Luck, Geneviève Sauvé, Katie Lavigne, Lena Palaniyappan, Lionel Cailhol, Mallar Chakravarty, Manuela Ferrari, Marc-André Roy, Marie-France Demers, Marie-France Marin, Martin Roy, Naguib Mechawar, Pierre Marquet, Robert-Paul Juster, Romina Mizrahi, Sébastien Brodeur, Shirley Fecteau, Simon Ducharme, Stéphane Potvin, Stéphane Vial, Steven Laureys, Vincent Taschereau-Dumouchel.
- 2 139 570\$ (06/2022 – 05/2025) Healthy Brains Healthy Lives – “Discovery Fund for Interdisciplinary Research Program”
Title : *Shifting toward digital innovations: Transforming research and care at the Douglas Institute*
Pls : Mallar Chakravarty; Martin Lepage; Co-Pls : Jai Shah, Jean-Baptiste Poline, Lena Palaniyappan, Lesley Fellows, Mahsa Dadar, Manuela Ferrari, Myra Piat, Nancy Mayo, Shalini Lal, Simon Ducharme, Yashar Zeighami; Other collaborators : Celia Greenwood, Corina Nagy, David Buckeridge, Eric Latimer, Geneviève Sauvé, Guillaume Dumas, Gustavo Turecki, Outi Linnaranta, Srividya Iyer, Tuong Vi Nguyen

PRIZES/AWARDS

Teaching award

- “Chargé-e de cours le/la plus inspirant-e au premier cycle” Department of Psychology, Université de Montréal – 2025

Scholarships

- Postdoctoral fellowship – Fonds de Recherche du Québec en Santé (FRQS) – 55 000 \$ (Partially declined) – 2020–2021
- Postdoctoral fellowship – Canadian Institutes of Health Research (CIHR) – 150 000 \$ – 2018–2021
- Postdoctoral fellowship – Fonds de Recherche du Québec en Santé (FRQS) – 110 000 \$ (Partially declined) – 2018–2020
- Doctoral scholarship – Fonds de Recherche du Québec en Santé (FRQS) – 60 000 \$ – 2015–2018
- Doctoral scholarship – Alzheimer Society of Canada – 61 590 \$ – 2012–2015
- Master’s scholarship – Fonds de Recherche du Québec en Santé (FRQS) – 30 000 \$ (Declined) – 2012–2014
- Master’s scholarship – Canadian Institutes of Health Research (CIHR) – 17 500 \$ (Declined) – 2012–2013

Excellence awards

- Édouard-Montpetit Excellence Award – Graduate and Postdoctoral Studies Faculty, Université de Montréal – 3 000 \$ – 2016
- Star Student-Researcher (Best article – Student Researcher in Québec) – Fonds de Recherche du Québec en Santé (FRQS) – 1 000 \$ – 2016
- Guy-Bégin Prize (Best article in Psychology) – Société Québécoise de Recherche en Psychologie (SQRP) – 500 \$ – 2016
- Excellence Prize in Research (Best article in Aging) – Quebec Network for Research on Aging (RQRV) – 1 000 \$ – 2016
- Édouard-Montpetit / Manuvie Excellence Award – Faculty of Arts and Science, Université de Montréal – 10 000 \$ – 2015
- Dean’s List – Faculty of Arts and Science, Université de Montréal – 2009–2011
- B.Sc. Excellence Scholarship – Department of Psychology, Université de Montréal – 2 000 \$ – 2008
- Governor General’s Academic Medal – Governor General of Canada – 2006

Awards for Best communication in a conference

- Centre de recherche en neuropsychologie et cognition (CERNEC) Scientific Day – 250 \$ – 03/2017
- Quebec Bio-Imaging Network (QBIN) Scientific Day – 250 \$ – 02/2017
- NeuroQAM Scientific Day – 250 \$ – 11/2015
- Quebec Network for Research on Aging (RQRV) Scientific Day – 400 \$ – 10/2015
- CERNEC Scientific Day – 500 \$ – 03/2015
- Department of Psychology, Université de Montréal Scientific Day – 350 \$ – 04/2014

Travel awards

- Quebec Bio-Imaging Network (QBIN) – 500 \$ – 07/2018
- Maison internationale de l'Université de Montréal (Short-term research abroad) – 900 \$ – 08/2017
- Quebec Network for Research on Aging (RQRV) – 600 \$ – 07/2017
- Société de Neuropsychologie de Langue Française (SNLF) – 500 € – 12/2016
- Society for the Neurobiology of Language – 550 \$ – 08/2016
- QBIN – Training Abroad – 4 000 \$ – 07/2016
- Canadian Institutes of Health Research (CIHR) – 1 000 \$ – 04/2015
- Quebec Network for Research on Aging (RQRV) – 1 000 \$ – 02/2015
- Quebec Bio-Imaging Network (QBIN) – 500 \$ – 01/2015
- Quebec Network for Research on Aging (RQRV) – 1 000 \$ – 02/2014
- Quebec Bio-Imaging Network (QBIN) – 500 \$ – 01/2014

COMMITTEES/PROFESSIONAL SERVICE

- Member, Axe Collecte de Données Communes – Alliance Santé Mentale du Québec, 2025–present
- Member, Comité scientifique du congrès annuel – Association Québécoise des Neuropsychologues du Québec, 2023–present
- Member, Douglas Academic Affairs Committee, 2023–present
- Member, Executive Committee, Douglas Digital and Data Science for Mental Health (D3SM) Initiative, 2023–present
- Organizer, UCSF Memory & Aging Center Postdoctoral Education Curriculum, coordinated a biweekly lecture series by postdoctoral scholars, 2019–2020
- Student Representative, Centre de recherche de l'Institut universitaire de gériatrie de Montréal (CRIUGM), represented students at researchers' assemblies and coordinated student activities, 2015–2018
- Communications Manager, Student Committee – Quebec Network for Research on Aging (RQRV), managed communications between student members and network leadership, 2014–2016
- Student Member, Accreditation Panel – Canadian Psychological Association, represented psychology trainees across Canada in the accreditation of doctoral and internship programs, 2014–2017

PUBLICATIONS

Articles de recherche originale publiés dans des revues dotées de comité de pairs

- 1) Li, J., Yi, Y., Gao, X., Ren, Y., Gan, L., Zou, T., Qin, X., Tan, A., Yang, X., Jiang, F., Liu, X., Gao, H., Wang, Y., Aumont, É., Xiao, J., Zhou, B., Liao, W., Chen, H., Zhang, W., **Montembeault, M.**, Rosa-Neto, P., & Li, R. (2025). High brain network dynamics mediate audiovisual integration deficits and cognitive impairment in Alzheimer's disease. *Journal of Alzheimer's Disease*, 108(1), 397–410. <https://doi.org/10.1177/13872877251376717>
- 2) Eijansantos, E., Allen, I. E., de Leon, J., Grasso, S., Rogers, N., Bogley, R., Paramo, A., Ehrenberg, A. J., **Montembeault, M.**, Sturm, V., Spina, S., Grinberg, L. T., Seeley, W. W., Rankin, K. P., Kramer, J. H., Rosen, H. J., Rabinovici, G. D., Gorno-Tempini, M. L., Miller, B. L., Perry, D. C., & Miller, Z. A. (2025). Burden of psychiatric disease inversely correlates with Alzheimer's age at onset. *Alzheimer's & Dementia*, 21(10), e70677. <https://doi.org/10.1002/alz.70677>
- 3) Aumont, É., Amiel, K., Oliva Lopez, D., Fernandez Arias, J., **Montembeault, M.**, Bezgin, G., Hall, B. J., Trudel, L., Chan, T., Rahmouni, N., Stevenson, J., Servaes, S., Macedo, A. C., Hosseini, S. A., Vitali, P., Poltronetti, N. M., Klosteranec, J., Therriault, J., Benedet, A. L., Ashton, N. J., Zetterberg, H., Blennow, K., Karikari, T. K., Triana-Baltzer, G., Kolb, H. C., Gauthier, S., Iturria-Medina, Y., & Rosa-Neto, P. (2025). Equivalence of the FCSRT and RAVLT to detect medial temporal lobe atrophy and tauopathy. *Scientific Reports*, 15(1), 37425. <https://doi.org/10.1038/s41598-025-21260-7>

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Livres et chapitres de livres

- 1) Geraudie, A. & **Montembeault, M.** (2024). Language in behavioral variant of frontotemporal dementia. Oxford Handbook of Communication Disorders in Neurodegenerative Diseases (Editor: Louise Cummings). *Sous presse*.

Présentations orales à titre d'invité

- 1) Multimodal Semantic Knowledge of Emotions in Semantic Behavioral Variant Frontotemporal Dementia (Février 2025). International Society for Frontotemporal Dementia (ISFTD) Online Webinar.
- 2) Non-visual symptoms of posterior cortical atrophy (Novembre 2024). Rare Dementia Support Webinar, Canada, Online.
- 3) Dernières avancées dans la recherche sur l'aphasie progressive primaire (Novembre 2024). Conférence Mensuelle Jeudi de la Clinique Interdisciplinaire de Mémoire de Québec, Online.
- 4) Using machine learning to identify commonalities between primary progressive aphasia and late-onset psychiatric disorders (Octobre 2024). Closing event of the "Tools for transnational neuropsychiatric research" Center for advanced studies (CAS) workgroup. Munich, Germany.
- 5) The interaction between language and socioemotional behavior in frontotemporal dementia (Mai 2024). Center of Advanced Studies Lecture series on the interfaces between neurodegenerative and psychiatric disorders, Munich, Germany.
- 6) Connected speech markers for the diagnosis of frontotemporal dementia variants. (Avril 2024). Connected speech symposium, Centre de recherche sur le cerveau, le langage et la musique, Montréal, Canada.
- 7) Primary progressive aphasia as a model to understand the neurobiology of language. (Février 2024). Centre d'imagerie cérébrale du Douglas (CIC) imaging series, Montréal, Canada.
- 8) Care and minding our elders (Octobre 2023). Summit of the minds, St-Sauveur, Canada.
- 9) Caractérisation des troubles de la cognition sociale dans les maladies liées au vieillissement (Juin 2023). Journées scientifiques du Centre de recherche de l'UGM, CRIUGM, Montréal, Canada.
- 10) Marqueurs langagiers et socio-émotionnels dans le diagnostic des variantes de la démence frontotemporale (Décembre 2022). Conférence mensuelle CogNAC, Université du Québec à Trois-Rivières, Canada.
- 11) Langage et cognition sociale dans la démence frontotemporale (Novembre 2022). Congrès annuel de l'Association Québécoise des Neuropsychologues (AQNP), Montréal, Canada.
- 12) Langage et cognition socio-émotionnelle dans les dégénérescences frontotemporales (Mars 2022), Conférences NeuroQAM et Cerebrum, UQAM, Montréal, Canada.
- 13) Interaction langage et cognition socio-émotionnelle dans les dégénérescences frontotemporales (Octobre 2021), Journée du GréMots, CHU Toulouse Purpan, Toulouse, France.
- 14) Language and socio-emotional behavior in neurodegenerative diseases (Juin 2021). Douglas Research Center, Montreal, Canada.
- 15) Language and socio-emotional cognition in frontotemporal dementia (Mars 2021). McGill's Neurology Grand Rounds, McGill University, Montreal, Canada.
- 16) Language and socio-emotional cognition in frontotemporal dementia (Janvier 2021). School of Psychology, University of Ottawa, Ottawa, Canada.
- 17) Alzheimer's disease as a disconnection syndrome and its impact on the language system. (Avril 2019) BrainLens Lab (PI: Dr. Fumiko Hoeft), University of California in San Francisco, San Francisco, USA.