

# Angela Tam

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## Education

- 2013–2018 **PhD in Neuroscience**, *McGill University*, Montreal, Canada.  
Advisors: Pierre Bellec & John Breitner
- 2011–2013 **MSc in Neuroscience**, *Queen's University*, Kingston, Canada.  
Advisor: Angeles Garcia
- 2007–2011 **BSc in Psychology**, *University of Ottawa*, Ottawa, Canada.  
Magna Cum Laude  
Advisor: Patrick Davidson

## Experience

### Research

- 2018–present **Postdoctoral Fellow**, *National University of Singapore*, Singapore.  
Advisor: B.T. Thomas Yeo
- 2013–2018 **Graduate Researcher**, *McGill University*, Montreal, Canada.  
Advisors: Pierre Bellec & John Breitner
- 2011–2013 **Graduate Researcher**, *Queen's University*, Kingston, Canada.  
Advisor: Angeles Garcia
- 2011 **Research Assistant**, *Douglas Hospital*, Montreal, Canada.  
Supervisor: Natasha Rajah
- 2010–2011 **Research Student**, *University of Ottawa*, Ottawa, Canada.  
Advisor: Patrick Davidson
- 2009–2010 **Research Assistant**, *Ottawa Hospital*, Ottawa, Canada.  
Supervisor: Natasha Ballen

### Teaching

- 2018 **Instructor**, *Montreal Brainhack School*, Montreal, Canada.
- 2016 **Teaching Assistant**, *Université de Montréal*, Montreal, Canada.

### Other

- 2011–2013 **Psychometric Rater**, *Hotel Dieu Hospital*, Kingston, Canada.

## Professional Services

### Journal Reviewer.

PLoS ONE (PLOS), Clinical Neurophysiology (Elsevier), Brain Informatics (SpringerOpen)

- 2016 **Poster Judge**, *Douglas Hospital Research Centre's Undergraduate Expo*, Montreal, Canada.

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## University Services

- 2016–2017 **Student Council Program Representative**, *McGill Post-Graduate Student Society*, Montreal, Canada.
- 2014–2017 **Internal Affairs Event Coordinator**, *McGill Post-Graduate Student Society*, Montreal, Canada.
- 2014–2015 **Student Representative on Working Group to Review Regulation on Conduct in Research**, *McGill University*, Montreal, Canada.
- 2012–2013 **Neuroscience Outreach Volunteer**, *Queen's University*, Kingston, Canada.

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## Awards

- 2018 **Alzheimer's Association International Conference Travel Fellowship**.
- 2017 **Graduate Research Enhancement and Travel Award**, *McGill University*, Montreal, Canada.
- 2017 **Research in Aging Bursary \$7000**, *Centre de recherche de l'institut universitaire de gériatrie de Montréal*, Montreal, Canada.
- 2016 **Hendlisz Award for Best Student Paper Finalist**, *Douglas Hospital Research Centre*, Montreal, Canada.
- 2015 **International Training Programme on Ageing Fellowship**, *Joint fellowship funded by the Canadian Institutes of Health Research: Institute of Aging & Centre for Ageing Research and Development in Ireland*.
- 2015 **Doctoral Award \$60,000 (declined)**, *Fonds de recherche du Québec – Santé*, Canada.
- 2014 **Alzheimer's Association International Conference Travel Fellowship**.
- 2014 **Graduate Research Enhancement and Travel Award**, *McGill University*, Montreal, Canada.
- 2013 **Grad Excellence Award in Neurology & Neurosurgery**, *Integrated Program in Neuroscience*, *McGill University*, Montreal, Canada.
- 2012 **Ontario Graduate Scholarship**, *Ministry of Training, Colleges and Universities*, Canada.
- 2012 **Centre for Neuroscience Award for Excellence**, *Centre for Neuroscience Studies*, *Queen's University*, Kingston, Canada.
- 2012 **Honourable Hugh F. Gibson Memorial Award**, *Centre for Neuroscience Studies*, *Queen's University*, Kingston, Canada.
- 2011 **Honourable Hugh F. Gibson Memorial Award**, *Centre for Neuroscience Studies*, *Queen's University*, Kingston, Canada.
- 2011 **Queen's Graduate Award**, *Queen's University*, Kingston, Canada.
- 2011 **Best Presentation**, *Psychology Undergraduate Thesis Conference*, *University of Guelph*, Guelph, Canada.
- 2007 **Immersion Study Scholarship**, *University of Ottawa*, Ottawa, Canada.
- 2007 **Admission Scholarship, \$10,000**, *University of Ottawa*, Ottawa, Canada.

## Publications

1. Tam, A., Dansereau, C., Iturria-Medina, Y., Urchs, S., Orban, P., Breitner, J., Bellec, P. & Initiative, A. D. N. A signature of cognitive deficits and brain atrophy that is highly predictive of progression to Alzheimer's dementia. *bioRxiv*, 352344 (2018).
2. Vogel, J. W., Vachon-Preseu, E., Binette, A. P., Tam, A., Orban, P., Joie, R. L., *et al.* Brain properties predict proximity to symptom onset in sporadic Alzheimer's disease. *Brain* **141**, 1871–1883. ISSN: 1460-2156 (Electronic) (2018).
3. Badhwar, A., Tam, A., Dansereau, C., Orban, P., Hoffstaedter, F. & Bellec, P. Resting-state network dysfunction in Alzheimer's disease: A systematic review and meta-analysis. *Alzheimers Dementia Diagnosis, Assessment Disease Monitoring* **8**, 73–85 (2017).
4. Dansereau, C., Tam, A., Badhwar, A., Urchs, S., Orban, P., Rosa-Neto, P. & Bellec, P. A brain signature highly predictive of future progression to Alzheimer's dementia. *arXiv preprint arXiv:1712.08058* (2017).
5. Orban, P., Tam, A., Urchs, S., Savard, M., Madjar, C., Badhwar, A., *et al.* Subtypes of functional brain connectivity as early markers of neurodegeneration in Alzheimer's disease. *bioRxiv*, 195164 (2017).
6. Reginold, W., Itorralba, J., Tam, A., Luedke, A. C., Fernandez-Ruiz, J., Reginold, J., Islam, O. & Garcia, A. Correlating quantitative tractography at 3T MRI and cognitive tests in healthy older adults. *Brain Imaging and Behavior* **10**, 1223–1230. ISSN: 19317565 (2016).
7. Tam, A., Dansereau, C., Badhwar, A., Orban, P., Belleville, S., Chertkow, H., *et al.* A dataset of multiresolution functional brain parcellations in an elderly population with no or mild cognitive impairment. *Data in Brief* **9**, 1122–1129 (2016).
8. Orban, P., Madjar, C., Savard, M., Dansereau, C., Tam, A., Das, S., *et al.* Test-retest resting-state fMRI in healthy elderly persons with a family history of Alzheimer's disease. *Scientific Data* **2**, 1–11. ISSN: 20524463 (2015).
9. Reginold, W., Luedke, A. C., Tam, A., Itorralba, J., Fernandez-Ruiz, J., Reginold, J., Islam, O. & Garcia, A. Cognitive Function and 3-Tesla Magnetic Resonance Imaging Tractography of White Matter Hyperintensities in Elderly Persons. *Dementia and geriatric cognitive disorders extra* **5**, 387–394. ISSN: 1664-5464 (2015).
10. Tam, A., Dansereau, C., Badhwar, A., Orban, P., Belleville, S., Chertkow, H., *et al.* Common Effects of Amnesic Mild Cognitive Impairment on Resting-State Connectivity Across Four Independent Studies. *Frontiers in Aging Neuroscience* **7**, 2214–2266 (2015).
11. Tam, A., Luedke, A. C., Walsh, J. J., Fernandez-Ruiz, J. & Garcia, A. Effects of reaction time variability and age on brain activity during Stroop task performance. *Brain Imaging and Behavior* **9**, 609–618. ISSN: 19317565 (2015).
12. Ruthirakuhan, M., Luedke, A. C., Tam, A., Goel, A., Kurji, A. & Garcia, A. Use of physical and intellectual activities and socialization in the management of cognitive decline of aging and in dementia: A review. *Journal of Aging Research* **2012**. ISSN: 20902204. doi:10.1155/2012/384875 (2012).