Stanford

Calvin Santiago, MD, FRCPC, MSc (he/him)

Clinical Assistant Professor, Adult Neurology

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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Bio

BIO

Dr. Santiago is a board-certified neurologist with Stanford Health Care. He is a clinical assistant professor in the Department of Neurology and Neurological Sciences, Division of Comprehensive Neurology at Stanford University School of Medicine.

Dr. Santiago diagnoses and treats a wide range of neurological conditions, including headache, epilepsy, memory disorders, movement disorders, and neuropathy. He has a special focus on improving access to neurological care, including reducing patient wait times and directing patients to the most appropriate care provider by streamlining physician referrals. He also provides LGBTQ+ care.

His research interests include executive functioning and processing speed in older adults with coronary artery disease and using CT angiography in patients with acute ischemic stroke and transient ischemic attack. He has also researched speech-language changes in patients with mild cognitive impairment and Alzheimer's disease.

Dr. Santiago has published in multiple peer-reviewed journals, including Alzheimer's Research & Therapy, Alzheimer's & Dementia, and Cureus: Journal of Medical Science. He has presented to his peers at national and regional meetings, including the Society of Biological Psychiatry Annual Meeting, History of Medicine Days at the University of Calgary, and the Advanced Learning in Palliative Medicine Conference at the University of Toronto.

Dr. Santiago is a member of the American Academy of Neurology, Canadian Neurological Sciences Foundation, and Ontario Medical Association.

CLINICAL FOCUS

- Neurology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Adult Neurology

HONORS AND AWARDS

- Undergraduate Palliative Care Narrative Award, Canadian Society of Palliative Care Physicians
- Heart & Stroke Foundation of Ontario Graduate Scholarships in Science and Technology Award, University of Toronto
- Postgraduate Medical Education (PGME) Leadership Certificate Program, University of Toronto
- Dr. William Whitelaw Award, History of Medicine Days Conference, University of Calgary
- Canadian Institutes of Health Research (CIHR) Institute Community Support (ICS) Travel Award, Young Investigators Forum
- Associated Medical Sciences/Boyd Upper Award, Queen's University

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Dept of Neurology (2024) CA
- Board Certification: Neurology, Royal College of Physicians and Surgeons of Canada (2023)
- Residency: University of Toronto Faculty of Medicine (2023) Canada
- Medical Education: Queen's University School of Medicine (2018) Canada
- Masters of Science, University of Toronto, Toronto, Canada (2014)

Publications

PUBLICATIONS

- **Improving Wait-times in Outpatient Neurology for Patients Referred from the Emergency Department-A Pilot Study**
  Santiago, C., Ahmed-Sheikh, R., Yang, L., Goldberg, O.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Correlating natural language processing and automated speech analysis with clinician assessment to quantify speech-language changes in mild cognitive impairment and Alzheimer's dementia.** *Alzheimer's research & therapy*
  Yeung, A., Iaboni, A., Rochon, E., Lavoie, M., Santiago, C., Yancheva, M., Novikova, J., Xu, M., Robin, J., Kaufman, L. D., Mostafa, F.
  2021; 13 (1): 109

- **The Nervous System** *Essentials of Clinical Examination*
  edited by Ahmed, J., Basu, M., Gosse, P., Vinette, S., Santiago, C., Izenberg, A.
  2021; 9

- **Patient Outcomes With Use of Computed Tomography Angiography in Acute Ischemic Stroke and Transient Ischemic Attack: A Systematic Review and Meta-Analysis.** *Cureus*
  Li, S. S., Trajkovski, A., Siarkowski, M., Santiago, C., Eng, K. A., Kishibe, T., Umakanthan, A., Lang, E.
  2020; 12 (5): e8187

- **A comparison of clinician assessment of speech versus automated speech analysis in mild cognitive impairment and Alzheimer's dementia** *Alzheimer's & Dementia*
  Yeung, A., Iaboni, A., Rochon, E., Lavoie, M., Santiago, C., et al
  2020

- **Three.** *CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne*
  Santiago, C.
  2019; 191 (19): E537-E538

- **Subcortical hyperintensities in the cholinergic system are associated with improvements in executive function in older adults with coronary artery disease undergoing cardiac rehabilitation.** *International journal of geriatric psychiatry*
  Santiago, C., Herrmann, N., Swardfager, W., Saleem, M., Oh, P. I., Black, S. E., Bradley, J., Lanctôt, K. L.
  2018; 33 (2): 279-287

- **White Matter Microstructural Integrity Is Associated with Executive Function and Processing Speed in Older Adults with Coronary Artery Disease.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*
  Santiago, C., Herrmann, N., Swardfager, W., Saleem, M., Oh, P. I., Black, S. E., Lanctôt, K. L.

2015; 23 (7): 754-63

- **Druggability of methyl-lysine binding sites.** *Journal of computer-aided molecular design*
  Santiago, C., Nguyen, K., Schapira, M.
  2011; 25 (12): 1171-8