

THERESE CHAN

1st year MSc Student | University of Ottawa

BACKGROUND & CAREER DEVELOPMENT

PAST

- Completed an undergraduate degree in Translational and Molecular Medicine at uOttawa
 - Previously did research in inorganic chemistry, tuberculosis, and cystic fibrosis

PRESENT

- In the MSc Epidemiology program at the School of Epidemiology and Public Health at uOttawa
- Research student at Bruyère Research Institute
 - Co-supervised by Dr. Amy Hsu & Dr. Douglas Manuel

FUTURE

- I hope to bridge my past molecular biology background with my current training in epidemiology as an aspiring molecular epidemiologist interested in exploring molecular mechanisms and pathology of disease. Alternatively, I could picture myself being a data analyst due to my interests in big data and prediction modelling.



CURRENT RESEARCH



- Previous lab members have developed the Dementia Population Risk Tool (DemPoRT) which helps inform older adults of their risk of developing dementia in the next 5 years based on self-reportable measures

- Using CLSA data, I aim to:
 - Establish the prevalence of emerging risk factors of dementia (e.g. hearing impairment, environmental factors, etc.) among individuals with incident dementia or mild cognitive impairment (MCI)
 - Develop and internally validate a new prediction model including both novel risk factors and factors previously included in the DemPoRT model



GOALS FOR SPA



- Learn methodologies and analytical approaches associated with longitudinal studies
- Better understand the nuances of the CLSA data that can be applicable to my thesis work
- Expand professional network
- Develop grant writing skills

FUN FACTS



- I love watching sunsets and firework shows
- I've been dabbling in modern calligraphy and enjoy creating handmade cards



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