

# Earvin S. Tio, PhD

Krembil Centre for Neuroinformatics | 250 College St., Toronto ON  
earvin.tio@camh.ca | +1 (647) 524-4258

---

## EDUCATION

**Doctor of Philosophy** Sept. 2020 - Sept. 2025

University of Toronto – Institute of Medical Science | Collaborative Program in Neuroscience

- \$59,955 CAD awarded across 8 scholarships
- Thesis titled "[Understanding Suicidal Behaviours in the Context of Depression through a Biopsychosocial, Whole Person Modelling, Machine Learning Framework](#)"
- Degree awarded October 28, 2025

**Bachelor of Applied Science** Sept. 2015 - Aug. 2020

University of Waterloo – Systems Design Engineering | Option in Artificial Intelligence

**École Polytechnique Fédérale de Lausanne** Feb. 2019 - July 2019

School of Computer and Communication Sciences

---

## RESEARCH EXPERIENCE

**Postdoctoral Fellow** | Whole Person & Population Modelling Lab

**Graduate Researcher** | Whole Person & Population Modelling Lab

**Undergraduate Research Assistant** | Vision and Image Processing (VIP) Research Group

**Research Student** | Peter Gilgan Centre for Research and Learning

**Bioengineering Research Assistant** | Sunnybrook Research Institute

**Undergraduate Research Assistant** | Waterloo Engineering Bionics Lab

---

## SELECT PUBLICATIONS

Full list available on [Google Scholar](#) or [ORCID](#)

- **Tio ES**, Misztal MC, Felsky D. Evidence for the biopsychosocial model of suicide: a review of whole person modeling studies with machine learning. *Front Psychiatry*. 2024;14:1294666. Published 2024 Jan 11. doi:[10.3389/fpsy.2023.1294666](#)
  - **Tio ES**, Hohman TJ, et al. Testing a Polygenic Risk Score for Morphological Microglial Activation in Alzheimer's Disease and Aging. *J Alzheimers Dis*. 2023;94(4):1549-1561. doi:[10.3233/JAD-230434](#)
- 

## SCIENTIFIC PRESENTATIONS

**2026** Canadian Neuroscience Seminars – Post-Doc Series (CNS-PDS)

Krembil Centre for Neuroinformatics (KCNI) Research Rounds

**2025** Society of Biological Psychiatry (SOBP) Annual Meeting

Collaborative Program in Neuroscience (CPIN) Research Day

Centre for Addiction and Mental Health (CAMH) Trainee Seminar Series

- 2024** 20th European Symposium on Suicide and Suicidal Behaviour (ESSSB20)  
Institute of Medical Science (IMS) Research Rounds
  - 2023** Temerty Faculty of Medicine (TFoM) Research Showcase  
Institute of Medical Science (IMS) Scientific Day
  - 2022** Cold Spring Harbor Laboratory (CSHL) Biological Data Science Meeting  
Krembil Centre for Neuroinformatics (KCNI) Open House
  - 2021** American Society of Human Genetics (ASHG) Annual Meeting  
Alzheimer's Association International Conference (AAIC)  
Department of Psychiatry Research Day (DPRD)
- 

## **LECTURESHIP**

- 2026** FSC430H5 – Seminar in Forensic Science (Undergraduate)  
IMS Methodology Seminar Series (Undergraduate)  
NeuroSci101 – High School Neuroscience Course (High School)
  - 2024** MSC1090 – Introduction to Computational Biostatistics with R (Graduate)
  - 2023** Krembil Centre for Neuroinformatics (KCNI) Summer Academy
- 

## **MENTORSHIP**

- 2024** Neurodegenerative Disease Student Association
  - 2022** GradMinds – Graduate Student Mental Health Committee
  - 2021** Collaborative Program in Neuroscience
- 

## **COMMUNITY OUTREACH**

- 2024** Let's Talk Grad Wellness (LTGW)  
GradMinds – Graduate Student Mental Health Committee  
Elemental Magazine – Graduate Student Mental Health Magazine  
Filipino Students' Association of Toronto (FSAT)
- 2023** Centre for Addiction and Mental Health (CAMH)
- 2021** Institute of Medical Science Student Association (IMSSA)

Thank you for taking the time to review a snapshot of my curriculum vitae! If you are interested in connecting regarding any postdoctoral opportunities or if you would like to learn more about any of the above, please feel free to contact me at [earvin.tio@camh.ca](mailto:earvin.tio@camh.ca)