



The Data Quartet Challenge: Insights from Multi-Cohort Aggregation of Quebec Alzheimer's & Aging Datasets

Deadline for manuscript submission: April 1st 2027, 11:59 PM (EST)

Overview:

The **Alzheimer's & Aging Quebec Multi-Cohorts Student Challenge** is launched to recognize students' and postdoctoral fellows' contributions to innovative analysis projects using data from a minimum of two FRQ-supported Quebec Cohorts on Alzheimer's & Aging. Through this challenge, we seek to increase awareness within the scientific community about the extensive datasets on Aging and Alzheimer's Disease available across Quebec. We aim to encourage their integration, harmonization, and broader utilization.

The four FRQ-supported eligible cohorts are:

- **PREVENT-AD:** PI: Sylvia Villeneuve
Web site: <https://www.centre-stopad.com/>
- **CIMA-Q:** PI: Frédéric Calon
Web site: <https://www.cima-q.ca/en/home/>
- **TRIAD:** PI: Dr Pedro Rosa-Neto, Dr Paolo Vitali
Web site: <https://triad.tnl-mcgill.com/>
- **NuAge:** PI: Pierrette Gaudreau
Web Site: <https://nuage.recherche.usherbrooke.ca/>

Data access is the responsibility of the participating teams and each project must lead to at least one original, peer-reviewed, outstanding manuscript.

Awards will be given as follows:

- **There will be 3 prizes of 5000\$** each;
- Each team will be provided with a certificate of recognition;
- Winners will be announced and recognized in May 2027

All manuscripts submitted to the Challenge will be reviewed by the scientific committee and will receive formal peer-review feedback



Eligibility:

- Participating students/postdocs must be enrolled (full/part-time) in a recognized university (from 1st cycle to post-doctoral position).
- The study must have received the necessary ethics approvals.

Submissions Requirements:

- Manuscript submission must be in a ready-to-submit format and include:
 - List of co-authors
 - Targeted journal
 - Name of the student, university, program, name of the principal Investigator
 - Names of the cohorts used
- Submissions are to be sent by the stated deadline to: *Mahsa Dadar* (mahsa.dadar@mcgill.ca)

Selection Criteria:

- Use of data from at least 2 Quebec Cohorts listed above to generate the results of the manuscript
- Level of innovation of the research question
- Impact of the results in the field of Aging and Alzheimer's Disease
- Quality of the written manuscript
- The scope of data harmonization achieved across a wide array of variables from a maximum of eligible cohorts



Inter-cohort committee: Dr Mahsa Dadar, Dr Simon Duchesne, Dr Frédéric Calon, Dr Sylvia Villeneuve, Dr Pedro Rosa-Neto, Dr Paolo Vitali, Dr Pierrette Gaudreau

Contact: Mahsa Dadar

Email: mahsa.dadar@mcgill.ca