MSc Studentship Opportunity – Seafloor Sulfate Mineral Geochronology

The Department of Geological Sciences at the **University of Saskatchewan** invites applications for a **fully funded MSc studentship**. Start dates are either September 2026 (preferred) or January 2027.

About the Position:

The project applies seafloor sulfate mineral geochronology to understand subseafloor fluid flow and mineralization conditions. The student will be based full-time on the Saskatoon campus of the University of Saskatchewan. The work will consist mainly of laboratory experiments. The MSc student will be supervised by Dr. Man-Yin Tsang (https://artsandscience.usask.ca/profile/MTsang) in the Department of Geological Sciences at the University of Saskatchewan.

Required qualifications:

- Bachelor's degree in Geological Sciences (or a related field).
- Strong academic performance (GPA ≥ 80%).
- Being able to conduct wet-chemistry lab work involving concentrated acids.
- Proficient in written and verbal communication in English.

Optional: Please indicate if you have some background in quantum mechanics as there is an optional component that can be added to the project.

How to Apply:

Please email with the subject **'MSc Sulfate Mineral'** to Dr. Man-Yin Tsang at my.tsang"at"usask.ca

Your email should include:

1. Curriculum vitae
2. Transcripts (online screen captures are okay at this stage)
3. The intake questionnaire at the end of this document

Suitable candidates will be contacted for further information. Review of applications will begin immediately and continue until the position is filled. The MSc student will receive a stipend but will be responsible for tuition and student fees. More information about the Geological Sciences MSc program can be found here: https://grad.usask.ca/programs/geological-sciences.php

The University of Saskatchewan is one of Canada's 15 leading research-intensive universities, USask provides a highly collaborative research environment with some of the best facilities and analytical tools in Canada, including a synchrotron facility (the Canadian Light Source). The Department of Geological Sciences is recognized internationally for research and training excellence. Our faculty, students, and staff explore physical, chemical, and biological processes that have shaped our planet over the last 4.6 billion years.

[Tsang Lab Research Interest Form]

Thank you for your interest in joining our research team!

Please take ~15 mins to answer the following questions. You are not expected to spend too much time on this application and we only expect short answers – and there are no "wrong answers". This is not a test, but an opportunity for us to learn more about you and your interest in our group. This helps both you and us understand if we are a good mutual fit, and what type of work would be most suitable for you on the team. If we are a good fit, we will set up meetings to discuss further.

1. Please introduce yourself. What specifically interests you in joining our team?

2. If you are aiming for specific opportunities that have been advertised, or if you have a research idea that you would like to pursue, please specify.
   Additional:
- *Potential graduate students*: Currently we are only recruiting a MSc student, not PhD. When would you be able to start?

3. Do you have any specific background that may be helpful for studying the area(s) of interest you mentioned above? (These can be courses, background, experiences, skills, talks attended, reflection from papers read, etc.)

4. What skills or knowledge would you like to gain before you graduate from this Usask program? What is your current career goal?

5. Anything else you would like to tell me? (Optional)

Thank you for your responses!