

**McMaster University Research Ethics Board (MREB)**

c/o Research Office for Administrative Development and Support

MREB Secretariat, GH-305

1280 Main St. W.

Hamilton, Ontario, L8W 4L8

email: ethicsoffice@mcmaster.ca

Phone: 905-525-9140 ext. 23142

**CERTIFICATE OF ETHICS CLEARANCE TO INVOLVE HUMAN PARTICIPANTS IN RESEARCH**

**Today's Date:** Feb/20/2021

**Co-Investigator:** Dr. Jacques Carette

**Supervisor:** Dr. Spencer Smith

**Student Investigator:** Mr. Peter Michalski, Mr. Ao Dong, Ms. Oluwaseun Owojaiye

**Applicant:** Peter Michalski

**Project Title:** Assessing the Impact of MDE (Model Driven Engineering) and code generation on the Sustainability of SCS (Scientific Computing Software) - State of Practice

**MREB#:** 5219

Dear Researcher(s)

The ethics application and supporting documents for MREB# 5219 entitled "Assessing the Impact of MDE (Model Driven Engineering) and code generation on the Sustainability of SCS (Scientific Computing Software) - State of Practice" have been reviewed and cleared by the MREB to ensure compliance with the Tri-Council Policy Statement and the McMaster Policies and Guidelines for Research Involving Human Participants.

The application protocol is cleared subject to clarification and/or modification as identified below. The above named study is to be conducted in accordance with the most recent approved versions of the application and supporting documents.

**Please note the following conditions associated with your ethics clearance:**

**You seem to have uploaded the wrong document for your revised Oral Consent script (it only contains one sentence). I am assuming that you did/will make the changes to this document as you have specified in the summary of revisions document and so I am conditionally clearing it now. Please make the necessary changes and upload the correct revised Oral Consent script via a For Information Only subform.**

If this project includes planned in-person contact with research participants, then procedures for addressing COVID-19 related risks must be addressed according to the current processes communicated by the Vice-President (Research) and your Associate Dean (Research). All necessary approvals must be secured before in-person contact with research participants can take place.

Ongoing clearance is contingent on completing the Annual Report in advance of the yearly anniversary of the original ethics clearance date: Feb/20/2022. If the Annual Report is not submitted, then ethics clearance will lapse on the expiry date and Research Finance will be notified that ethics clearance is no longer valid (TCPS, Art. 6.14).

An Amendment form must be submitted and cleared before any substantive alterations are made to the approved research protocol and documents (TCPS, Art. 6.16).

Researchers are required to report Adverse Events (i.e. an unanticipated negative consequence or result affecting participants) to the MREB secretariat and the MREB Chair as soon as possible, and no more than 3 days after the event occurs (TCPS, Art. 6.15). A privacy breach affecting participant information should also be reported to the MREB secretariat and the MREB Chair as soon as possible. The Reportable Events form is used to document adverse events, privacy breaches, protocol deviations and participant complaints.

Document Type	File Name	Date	Version
Interviews	InterviewGuide	Jan/08/2021	2
Consent Forms	ConsentLog	Jan/18/2021	3
Recruiting Materials	RecruitingScript_FollowUpEmail	Feb/11/2021	1
Recruiting Materials	ThankYouScript	Feb/11/2021	4
Response Documents	MREB_Summary_Revisions_5219	Feb/11/2021	1
Recruiting Materials	RecruitingScript	Feb/11/2021	4
Consent Forms	Letter-of-Information-Consent-Form2	Feb/11/2021	4
Consent Forms	Oral-Consent-Script	Feb/11/2021	3

Dr. Violetta Ignieski



Dr. Violetta Ignieski, MREB Chair,  
Associate Professor,

Dr. Sue Becker, MREB Vice-Chair,  
Professor,

