HEALTH RESEARCH ETHICS BOARD (HREB)
CERTIFICATE OF FINAL APPROVAL FOR NEW STUDIES
Full Board Review

<table>
<thead>
<tr>
<th>PRINCIPAL INVESTIGATOR:</th>
<th>INSTITUTION/DEPARTMENT:</th>
<th>ETHICS #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saleh Aloraini</td>
<td>U of M/Graduate Studies/Applied Health Sciences</td>
<td>HS21451 (H2018:017)</td>
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</tbody>
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<table>
<thead>
<tr>
<th>HREB MEETING DATE:</th>
<th>APPROVAL DATE:</th>
<th>EXPIRY DATE:</th>
</tr>
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<tbody>
<tr>
<td>January 22, 2018</td>
<td>February 14, 2018</td>
<td>January 22, 2019</td>
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<thead>
<tr>
<th>STUDENT PRINCIPAL INVESTIGATOR SUPERVISOR (if applicable):</th>
</tr>
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<tbody>
<tr>
<td>Dr. Steven Passmore</td>
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<thead>
<tr>
<th>PROTOCOL NUMBER:</th>
<th>PROJECT OR PROTOCOL TITLE:</th>
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<tbody>
<tr>
<td>NA</td>
<td>Anticipatory Postural Adjustments During a Fitts' Task: Comparing Young Versus Older Adults and the Effects of Different Foci of Attention</td>
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<tr>
<th>SPONSORING AGENCIES AND/OR COORDINATING GROUPS:</th>
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<tbody>
<tr>
<td>NA</td>
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<thead>
<tr>
<th>Submission Date(s) of Investigator Documents:</th>
<th>REB Receipt Date(s) of Documents:</th>
</tr>
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<tbody>
<tr>
<td>December 18, 2017 and February 2, 2018</td>
<td>December 20, 2017 and February 5, 2018</td>
</tr>
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</table>

THE FOLLOWING ARE APPROVED FOR USE:

<table>
<thead>
<tr>
<th>Document Name</th>
<th>Version(if applicable)</th>
<th>Date</th>
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<tbody>
<tr>
<td>Protocol:</td>
<td></td>
<td></td>
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<tr>
<td>Protocol including Clarifications as per Letter dated February 2, 2018 and Revised REB Submission Form submitted February 2, 2018</td>
<td></td>
<td>December 18, 2017</td>
</tr>
<tr>
<td>Consent and Assent Form(s):</td>
<td></td>
<td></td>
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<tr>
<td>Research Participant Information and Consent Form</td>
<td></td>
<td>December 18, 2017</td>
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Other:

<table>
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<tr>
<th>Advertising Poster</th>
<th>Questionnaires/Scales/Instruments Appendix</th>
<th>Master List</th>
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CERTIFICATION

The University of Manitoba (UM) Health Research Board (HREB) has reviewed the research study/project named on this Certificate of Final Approval at the full board meeting date noted above and was found to be acceptable on ethical grounds for research involving human participants. The study/project and documents listed above was granted final approval by the Chair or Acting Chair, UM HREB.
The University of Manitoba (UM) Health Research Board (HREB) is organized and operates according to Health Canada/ICH Good Clinical Practices, Tri-Council Policy Statement 2, and the applicable laws and regulations of Manitoba. In respect to clinical trials, the HREB complies with the membership requirements for Research Ethics Boards defined in Division 5 of the Food and Drug Regulations of Canada and carries out its functions in a manner consistent with Good Clinical Practices.

QUALITY ASSURANCE
The University of Manitoba Research Quality Management Office may request to review research documentation from this research study/project to demonstrate compliance with this approved protocol and the University of Manitoba Policy on the Ethics of Research Involving Humans.

CONDITIONS OF APPROVAL:
1. The study is acceptable on scientific and ethical grounds for the ethics of human use only. For logistics of performing the study, approval must be sought from the relevant institution(s).
2. This research study/project is to be conducted by the local principal investigator listed on this certificate of approval.
3. The principal investigator has the responsibility for any other administrative or regulatory approvals that may pertain to the research study/project, and for ensuring that the authorized research is carried out according to governing law.
4. This approval is valid until the expiry date noted on this certificate of approval. A Bannatyne Campus Annual Study Status Report must be submitted to the REB within 15-30 days of this expiry date.
5. Any changes of the protocol (including recruitment procedures, etc.), informed consent form(s) or documents must be reported to the HREB for consideration in advance of implementation of such changes on the Bannatyne Campus Research Amendment Form.
6. Adverse events and unanticipated problems must be reported to the REB as per Bannatyne Campus Research Boards Standard Operating procedures.
7. The UM HREB must be notified regarding discontinuation or study/project closure on the Bannatyne Campus Final Study Status Report.

Sincerely,

Please quote the above Human Ethics Number on all correspondence.
Inquiries should be directed to the REB Secretary Telephone: (204) 789-3255/ Fax: (204) 789-3414