



Conjoint Faculties Research Ethics Board
Research Services Office
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CERTIFICATION OF INSTITUTIONAL ETHICS REVIEW

The Conjoint Faculties Research Ethics Board (CFREB), University of Calgary has reviewed and approved the below research. The CFREB is constituted and operates in accordance with the current version of the *Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans* (TCPS).

Ethics ID: REB25-1531

Principal Investigator: Christian Jacob

Co-Investigator(s): Bruce Barton

Student Co-Investigator(s): Tyler Klein-Longmire

Study Title: XR Aquarium: Design tactics for shared presence and agency in participatory mixed-reality performance across heterogeneous interfaces and roles

Sponsor:

Effective: 7-Jan-2026

Expires: 7-Jan-2027

The following documents have been approved for use:

- XR Aquarium Recruitment Message, 2, December 5, 2025
- XR Aquarium Participant Consent Form, 3, January 6, 2026
- XR Aquarium Focus Group Semi-Structured Interview Script, 1, November 11, 2025
- XR Aquarium Post-Session Survey, 1, November 11, 2025
- Wellness and Emergency Resources, 1, November 24, 2025

Restrictions:

This Certification is subject to the following conditions:

1. Approval is granted only for the research and purposes described in the application.
2. Any modification to the approved research must be submitted to the CFREB for approval.
3. Reportable events (SAE's, new safety information, protocol deviations, audit findings, privacy breaches, and participant complaints) are to be submitted in accordance with the Board's reporting requirements.
4. An annual application for renewal of ethics certification must be submitted and approved by the above expiry date.
5. A closure request must be sent to the CFREB when the research is complete or terminated.

Approval by the REB does not necessarily constitute authorization to initiate the conduct of this research. The Principal Investigator is responsible for ensuring required approvals from other involved organizations (e.g., Alberta Health Services, community organizations, school boards) are obtained.

Approved By:

Date:

[Adam McCrimmon, Ph.D., Chair](#), CFREB

7-Jan-2026 7:32 AM

Note: This correspondence includes an electronic signature (validation and approval via an online system).