

**FACULTY OF EDUCATION
TECHNOLOGY INNOVATION GRANT in EDUCATION and RESEARCH
(TIGER)**

APPLICATION GUIDELINES

1. DESCRIPTION, ELIGIBILITY, DEADLINES AND ADMINISTRATION

Description of the Award

The purpose of this award is to stimulate innovation in two primary categories. The first is to help build technology rich programs within the Faculty. The second is to support the Faculty of Education to become internationally recognized as a leader in the use of educational technology in teaching and research.

Innovation is seen as being primarily about:

- exploring original, unique ideas,
- making connections, not previously imagined, across constructs,
- experimental,
- translating concepts into action.

These awards are intended to provide up to 100 hours per semester, normally for not more than two semesters, of in-house technical expertise for technology related research projects. This limit may be exceeded in extenuating circumstances. Two types of technology related research projects will be supported, namely, those that:

1. show promise for implementation of innovative technologies into the Faculty
2. focus on researching technologies or practices involving new technologies which may have innovative applications in teaching or research.

Applicants may have to apply for other grants (e.g., Faculty, University, external) to fully support their projects.

Eligibility for the Award

All full-time Academic staff (sessionals may apply in collaboration with an eligible member) and continuous contract support staff, including employees of the Coutts Library, in the Faculty of Education may apply for a Technology Innovation Grant in Education and Research (TIGER).

Deadlines

Applications must be received by the Chair of the Technology Advisory Board by 4:00 p.m. on **the 15th of September, November, February, April, or June**. When this date falls on a weekend, the deadline shall be the following day of business. Ethics review, if needed, may follow the application but no support will be allocated until the ethics application has been approved.

How to Apply

Submit your complete application as a single attachment to an e-mail addressed to the Chair of the Technology Advisory Board (c/o jdacosta.TABchair@ualberta.ca). The applicant's (and any co-applicants) current curriculum vitae must be appended to the application.

Adjudication

TIGER applications are adjudicated by a committee made up of seven members of the Technology Advisory Board. Membership shall be:

1. Two members of DigiTAL who, together, shall be familiar with the job descriptions, workloads, and areas of technical expertise of all DigiTAL personnel (appointed by the Chair by virtue of their administrative roles in DigiTAL).

2. Four members who shall be elected, a minimum of two must be Faculty members.
3. Chair of the Technology Advisory Board who shall be chair of the adjudication committee.

2. ACKNOWLEDGEMENT

Publications arising from the research should acknowledge the Faculty of Education's TIGER support.

3. CRITERIA

Proposals for the TIGER award will be assessed in one of two categories:

1. Integration of technology innovation into Faculty of Education courses or degree programs at the undergraduate or graduate levels.
 - a. Pedagogical innovation through the use of technology.
 - b. Practical value of the innovation to support integration of technology into Faculty of Education (e.g., supporting the Faculty's undergraduate Technology Knowledge, Skills, and Attributes).
2. Researching educational applications of new and existing technologies.
 - a. Scholarly value of the project.
 - b. Overall innovation.

Activities Supported

1. Develop or explore practical technological tools which can be integrated into Faculty courses or degree programs at the undergraduate or graduate levels.
2. Develop research leading to a major grant application or comparable funding agency (i.e., enable the successful applicant to begin research leading to major research grant application such as SSHRC, TLEF, Alberta Education).

Guidelines and Conditions

It is highly recommended that TIGER applicants consult with DigiTAL located in 3-104 Ed North. This unit advises faculty and support staff members in the use of ICT, which includes investigating innovative technologies, recommending technology solutions, identifying or creating resources, and providing ongoing training and support for faculty, support staff, and students.

A complete list of how DigiTAL can assist TIGER applicants is available at <http://digital.ualberta.ca/faculty-staff>. Awards will all take advantage of in-house, DigiTAL technical expertise, training, and professional development.

In allocating TIGER in-kind expertise, the Adjudication Committee will attempt to achieve a reasonable distribution of opportunity across the Faculty. The Adjudication Committee may recommend changes to the scope of a project and to the research plans in order to support as many meritorious projects as possible.

Repeated requests from researchers for substantially the same project will be given low priority.

If limitations necessitate a choice between proposals of equal quality, preference will be given to the first-time applicant for a TIGER award or to more junior faculty members who are seeking to develop their research programs.

Applications for support will not be accepted from researchers who already hold one active TIGER award as principal investigator. Applications will be accepted from researchers who are the co-investigator on *one* active START project. Applicants may submit only one application per competition.

In accepting a TIGER award, the researcher agrees to present his or her work related to the award at the Annual Faculty of Education Technology in Teaching and Research Fair.

1. FINAL REPORT

Recipients of TIGER awards must submit to the Chair, Technology Advisory Board (c/o jdacosta.TABchair@ualberta.ca), a final report in electronic form when the project has been completed.

Reports of awards should include the following information:

- a. executive summary of 1000 words maximum including context and purpose of the project, procedures, and results and implications of the project;
- b. abstract of the presentation made at the annual Technology and Research Fair;
- c. list of outcomes (publications in progress or press, presentations, workshops, materials, etc);
- d. indication of how feedback was provided to participants in the study (if human subjects were involved).
- e. 50 word abstract for use in the Research at a Glance Webletter (optional).

A TIGER award will be considered active until a final report has been received by the Chair, Technology Advisory Board. However, if neither a final report nor a request for extension are received following notice from the Chair of the Technology Advisory Board, the project will be considered completed and all technical expertise will returned to the Faculty TIGER program for re-allocation.

2. OTHER

Research Ethics Review

University policy requires that all proposed research involving human participants must be reviewed by the appropriate university Research Ethics Board. Although proposals may be submitted before an ethics review has been completed, no resources will be allocated to a project until ethics approval from the appropriate university Research Ethics Board has been filed.

Timeline consistency

Timelines (e.g., start and end dates), should be consistent across the TIGER proposal; including data collection timelines in the research ethics review application and (if relevant) the Cooperative Activities Program application.

In-kind Technical Expertise Guidelines

TIGER awards are intended to assist researchers in meeting the technology expertise requirements associated with a project, subject to certain conditions described in these guidelines.