

LIF PIF Grants Workshop 2010/2011

July 8/Aug 9/Aug 23

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Centre for Teaching Excellence (CTE)

LIF PIF grants

- ▶ Research projects that enhance student learning and support the strategic plans of the academic unit and/or the University of Waterloo
- ▶ 3 levels of funding: up to \$5,000, up to \$10,000, and up to \$15,000 – each over a two year period
- ▶ Priority to team proposals or individual researchers that show promise of developing and assessing best practices in teaching and learning, with results that can be used in other disciplines, departments, faculties, and institutions


Timelines

- ▶ Proposals are due by September 1, 2010
- ▶ Results will be announced by October 1, 2010
- ▶ Funding for projects will be available as of November 1, 2010
- ▶ The Office of Research Ethics (<http://www.research.uwaterloo.ca/>) (ORE) Form 101 must be completed by the Principal Investigator and submitted to Susanne Santi, ORE (ssanti@uwaterloo.ca) **prior to data collection.**

Submission Process

- ▶ Applications (up to 12 pages maximum) must include the following elements:
- ▶ **Cover page** (1 page maximum)
 - Indicate project title, name and affiliation of all team members, and contact information for the Principal Investigator (PI)
 - Proposal endorsement: A statement that the Chair/Director is aware of your grant proposal
- ▶ **Abstract** that includes a clearly stated research question (250 words/1 page)
- ▶ **Goals of the Project** (1 page maximum)
 - A rationale that defines the expected changes in learning outcomes
 - The research objectives as related to teaching and learning
 - The proposed teaching/learning activities
- ▶ **Literature Review** (2 – 3 pages)
 - Including related initiatives at other institutions or in other disciplines, if any
- ▶ **Research design and methods** (1–2 pages)
 - Outline the processes for the research, including methods of data collection
- ▶ **Evaluation of Results** (1/2 to 1 page)
 - State how data will be analyzed, how outcomes will be assessed
- ▶ **Budget** (1 page)
 - See below for fundable and non-fundable costs
- ▶ **Timelines** (1 page)
- ▶ **Plan for dissemination** (1 page)
 - How findings will be shared with the UW community and beyond. List specific journals and conferences

Guiding Questions

- ▶ What do you want to do?
 - ▶ Why do you want to do it?
 - ▶ Who has done anything similar before (and how will your work be different?)
 - ▶ Why should the committee fund it?
 - ▶ How will it contribute to student learning across Waterloo and/or make Waterloo a leader in this area?
 - ▶ How will you make your application ‘zing’?
 - ▶ What colleagues might give input?
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Budget Items

Fundable Costs

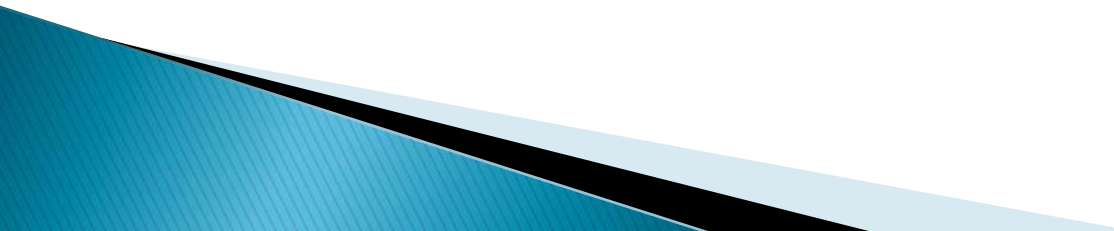
- ▶ Graduate and/or undergraduate research assistance (allow salary plus 15% benefits)
- ▶ Registration and travel costs for relevant conference presentations (up to 10% of total budget)
- ▶ Incentives for students to participate in research (such as questionnaires, surveys)

Non-fundable Costs

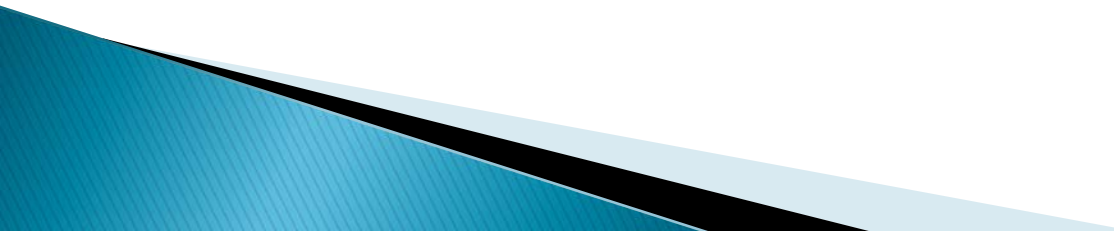
- ▶ New course development
- ▶ Salaries related to course instruction
- ▶ Ongoing professional supports, such as computer hardware, journal subscriptions, society memberships
- ▶ Equipment and furnishings

Formatting

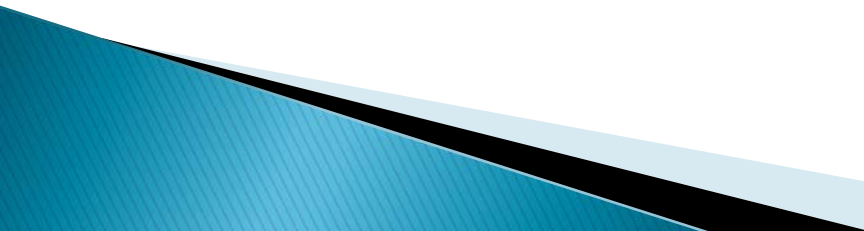
- ▶ Font size – Times New Roman 12
 - ▶ 2.5 cm margins
 - ▶ Double-spaced
 - ▶ Pages numbered
 - ▶ Author identifiers to be on cover page only

 - ▶ **Proposals that exceed the page maximums (12 pages max.) will not be considered**
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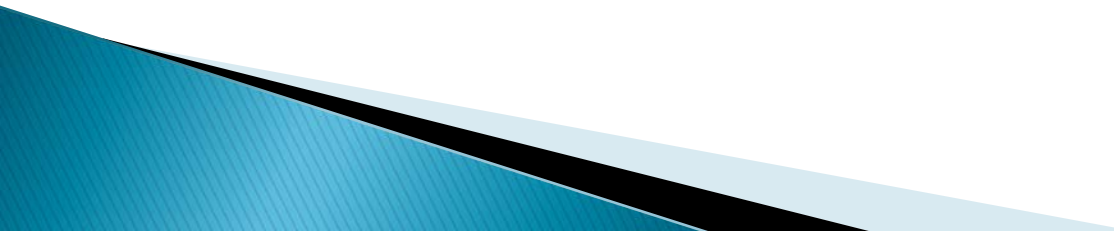
Review Process

- ▶ Review committee is chaired by AVPA
 - ▶ 3 additional committee members, none of whom are applicants for this round of LIF and PIF grants
 - ▶ 1 will be from CTE; 2 will be faculty from the Teaching-Based Research Group (T-BRG)
 - ▶ The Research and Evaluation Consultant (me) will act as a non-voting advisor to the committee
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Review Criteria

- ▶ **Adherence to the Submission Requirements:** Does the submission include all elements listed under submission process?
 - ▶ **Clear Objectives:** Does the proposal clearly state the research question, purpose, define realistic and achievable objectives, and identify an important teaching/learning problem or issue?
 - ▶ **Connections to Literature:** Does the proposal provide a succinct review of relevant literature, indicating how it will contribute to that literature?
 - ▶ **Appropriate Methods:** Are the research methods appropriate for the problem/issue being investigated?
 - ▶ **Appropriate Evaluation:** Are the evaluation methods appropriate for the problem/issue being investigated?
 - ▶ **Feasibility:** Do the project timeline and budget seem achievable given the problem/issue being investigated?
 - ▶ **Impact and Transferability:** Is there a clear benefit regarding enhancing learning and teaching in a particular course or program? Beyond that program?
 - ▶ **Appropriate Sharing:** Are there plans for appropriate sharing of the outcomes of the project with others at UW and beyond?
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Successful applicants must be willing to

- ▶ Present their work to interested members of the University of Waterloo community
 - ▶ Present at a peer-reviewed conference (in their discipline, or at a suitable post-secondary education conference such as the Opportunities and New Directions conference) and/or publish their work in a discipline-based journal or in a suitable post-secondary education journal
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Call for Proposals

- ▶ http://cte.uwaterloo.ca/teaching_awards_and_grants/index.html?tab=2
- ▶ Click on LIF or PIF, then “Request for Proposals, 2010/2011”

Questions?

- ▶ To book a consultation, see a successful past application, for help with an ethics application, to have your draft submission reviewed, or for any questions
 - Contact Nicola Simmons
 - nsimmons@uwaterloo.ca or x32940
 - **Additional LIF PIF Grant workshops**
Monday, August 9, 1–3pm, FLEX lab
Thursday, August 19, 1–3pm, FLEX lab
 - **Q&A Brown Bag Lunches**
(for last minute questions about the grant application format)
Thursday, August 12, 12–1pm, FLEX lab
Monday, August 16, 12–1pm, FLEX lab