COLLABORATIVE INTERNATIONAL INTERUNIVERSITY RESEARCH, INNOVATION AND DEVELOPMENT PROGRAM
CIIRID: IDEA
Third Contest For New Projects

Joint projects of research and/or innovation and development

Pontificia Universidad Católica de Valparaíso (PUCV) and Auckland University of Technology (AUT)

October-November
2021

1. Overview

Universities around the world share common challenges to educate future citizens in an era of rapid social, environmental and technological change. As the technologies and practices that underpin these changes become more pervasive and disruptive, they also challenge and transform many of our established, discipline-based assumptions about teaching, research and innovation. This in turn, raises more general questions about the University's role in responding to new global challenges.

AUT and PUCV recognise that the significant challenges for learning, research and innovation in the 21 st century are too complex to be solved by a single discipline. Success in the future will depend on people with creative imagination, advanced technological skills based on scientific knowledge, the capacity for technological development to link-up different kinds of academic, cultural or professional knowledge in new ways, and deep values to the benefit of societies and environment.

PUCV and AUT (mainly through the Faculty of Design and Creatives Technologies), agreed to generate a long term strategic alliance, in order to strengthen the mutual development that includes research, innovation and technological development (R+I+D). Within the specific matters, both institutions agreed to design and to implement an interdisciplinary programme focused on environments of the future called "*Futures-Pacific*", whose *vision and mission* statements are:

Vision

> *To be recognised as a leader, in the South Pacific and beyond, for the development of an innovative social, intellectual and entrepreneurial research culture, and to encourage students, academics and communities to simultaneously imagine, construct and navigate our possible future environments.*

Mission

> *To address global challenges by connecting different kinds of creative, technical, cultural and scientific intelligence in new ways, and to enhance the ability of AUT and PUCV to attract and retain excellent students, researchers and projects.*

Within the framework, both institutions agreed to implement several actions, including this R+I+D programme.

2. **Goal of the collaborative international interuniversity research, innovation and development (CIIRID) programme**

To generate collaborative R+I+D profile projects, with the potential to be funded by external funds, incorporating academics and students from both institutions.

3. **Description of the (CIIRID) programme**

To reach the goal described, we will connect academics and students from both universities. Academics will elaborate an innovative idea of research to be formulated with students from PUCV and AUT. Students would be sourced and supervised by the academics to implement the initial stages of the research, under a collaborative international learning (COIL) framework.

The expected outcomes include: i) To elaborate a feasible (ideally interdisciplinary) project, ii) to develop new capacities in R+I+D using international collaboration, iii) to plan activities for potential external funding sourced in Chile, New Zealand or other international funding sources.

The following figure shows the process and the outcomes expected by the programme and stages covered by the current activity:
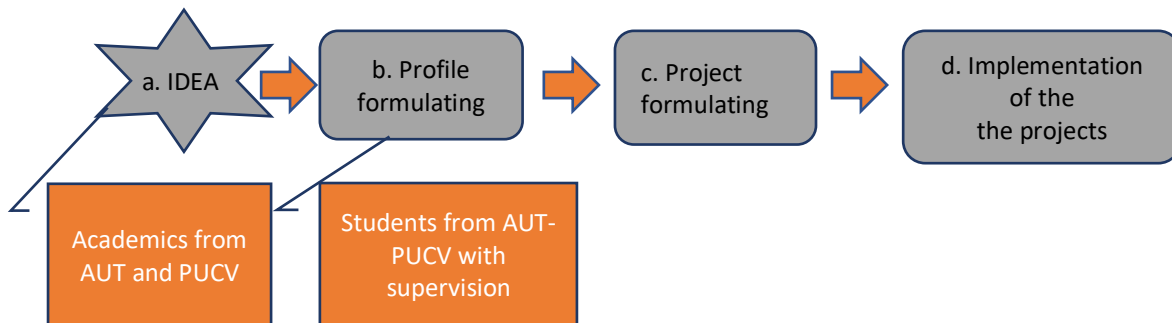
Figure 1: Stages of the collaborative programme

Stages a) and b) are part of the current call application process within the whole programme. The next stages (c-d) would depend on the grants or potential sources of funding.

If additional resources are required for the formulation/seeding process, the institutions may evaluate support, according to the relevance or potential of the initiative.

The current activity (stages a-b) , within CIIRID programme processes includes the following stages:

a. Declaration of intention (by academics)
b. Contact among academics of both Universities
c. Elaboration and submission of the project (idea)
d. Projects evaluation
e. Selection and awards
f. Profile of the project formulating (academics and students)

4. Resources

- Each project can apply for a maximum of CLP$ 3,000,000 (three million Chilean pesos) equivalent to NZ$6,000, distributed between the two Universities (50% each).
- Resources only can be allocated in two items:
  a. As a scholarship for the students with a maximum of Ch$ 500,000 per student, equivalent to NZ$1,000.
  b. Materials and consumables, with a maximum of Ch$ 1,000,000 per project (equivalent to NZ$ 2,000).
- Further development of the project could be through external grants, grants from each institution, or through CIIRID Continuity, which is an instrument designed for bootstring projects generated from the previous contests.

c. Application requirements

- The project can include between 2 – 4 academics (at least two academics responsible of the initiative), including academic (s) from PUCV and academic (s) from AUT.
- The proposal must include between 2 – 6 students total (both institutions must be represented).
- Students can come from either undergraduate or postgraduate programmes.
- The application must include the students that will work on the project, indicating personal and academic information.
- Academics must have a permanent contract in their respective Institutions

d. Responsibilities

- Academics must supervise the work developed by the students
- Provide a final report, which includes the "profile of the project" and future activities as well as a timeframe for performing the project and its potential application to a contestable fund.

e. Application process

- PUCV and AUT (DCT), through their research or international offices , will advertise the current terms of reference within the academics of each institution.
- The academics interested, must declare an expression of interest (https://forms.gle/t7VW9HKxd9pJZZdz9). The information about academics of both institutions will be shared among those academics who declared their interest in participating in the project.
- Expression of interest declared on previous contests will be considered still active (i.e. those expressions that didn't find counterpart in AUT or PUCV previously).
- Academics from both institutions will work together to write and submit the "proposal" (a template will be provided).

f. Project duration

- After the selection and award of the proposal, the project will have a minimum duration of **one month** and maximum of **three months.**
- The Project should start not later than 15th of May 2022. The starting date will be agreed with each project.

g. Assessment of the proposals

- Background of the academics (projects and publications, 30%).
- Quality of the proposal (relevance, impact, interdisciplinarity, 50%)
- Commitment of the students, evaluated as the number of hours committed to the project (20%).

h. Timing and activities

Activity	Date
Advertisement of the programme	October - November 2021
Expression of interest	Until 19 of November 2021
Q&A (rmestre@aut.ac.nz, di@pucv.cl)	Until 26 of November 2021
Deadline of the proposal	3 of December 2021
Announcement of the application awarded	15 of December 2021
Commencing of the projects approved	The project commences on the 3rd of May, with a duration between 1 and 3 months, depending on each case.