# Collaborative International Interuniversity Research, Innovation And Development Program

CIIRID: IDEA

**Joint projects of research and/or innovation and development**

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

## Overview

Universities worldwide 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 21st 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 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 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.*

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

## Goal

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

## Description of the (CIIRID) programme

We will connect academics and students from both universities to reach the goal described. Academics will elaborate on an innovative research idea 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, iv) Outline a scientific paper including a schedule, potential journal, etc.

The following figure shows the process and the outcomes expected by the programme and the stages covered by the current activity:

 **CIIRID**

**Idea**

IDEA

**Initial research**

**work:**

Feasibility of the idea.

Prelaminar literature review

Relevance

Etc.

Preliminary

output

and next stages

3.

**Paper**

**preparation**

CIIRID

 2. **Further**

**research and grant preparation**

 Continuity

Grant Submitted

Paper submitted

Research

Outputs

Figure 1: Overall Scheme CIIRID Programme