



FACULTAD DE INGENIERÍA
PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

OPEN SEED FUND 2016

The School of Engineering at the Pontificia Universidad Católica de Chile (UC) intends to deepen and broaden its collaborative international research program. Within the framework of the New Engineering for the 2030 initiative, the School is launching an Open Seed Fund Program.

Our aim is to strengthen a robust partnership with world renowned research institutions that will result in substantial center and institute initiatives at both the undergraduate and graduate levels, frequent student and faculty exchange, joint applications for research grants and contracts, participation in larger initiatives, and the creation of new programs that help to integrate and expand the research between our school and top research institutions.

For this period, up to 6 seed grant initiatives will be supported by the School of Engineering (UC) with a maximum budget of USD \$12,500 each. This seed fund requires that partner institutions supply a 1:1 matching fund. The grants can be spent over a 12-month period. These grants can be focused on either research and/or advancing engineering education in novel ways. These funds can be flexibly used for travel, supplies, support of visitors, seminars, and meals, partial postdoc, graduate student, and undergraduate student salary support and travel expenses.

Suitable outcomes of the seed grants can include joint research proposal submissions (basic, applied and innovation projects), joint publications or educational products. Recipients of the research seed grants must submit joint research proposals (UC and partner institution) to funding agencies and/or companies in Chile or the partner's country in topics that are of common interest to both parties (e.g. Regular grant proposals to CONICYT, NSF, and the like) within the 12-month period of the seed grant. Recipients of educational seed grants must create new educational products (such as online courses, internationally relevant project-based learning courses, and the like) within this time frame. Awardees are expected to submit a final report with the details of the activities performed and project outcomes. This report should include networking (e.g. researchers and students involved, mobility of academics and students) and scientific output results (joint publications, conference

presentations, thesis, intellectual property, proposal submitted, and resources obtained, among others).

The seed grant applications must be no longer than 3 pages of main text, plus supplementary materials such as CVs, any relevant publications, bibliography and references, and a pledge agreement for the matching funds, signed by an authorized representative of the partner institution. Required elements of the seed grant applications include project ideas, how the project will generate collaborative research and/or educational products between the relevant researchers and educators at UC and the partner institution, a detailed budget, who will travel back and forth and at what frequency, other means of stimulating the collaboration, and the key students who will be co-advised by the UC and international faculty. Seed grant applications to this program will be competitively peer reviewed. The review will take into account the quality of the partner institution as well as the CV of the participants (local and foreign). These required elements will also form the key criteria for judging the seed grant applications and determining who will be funded. The Dean of the School Juan Carlos de la Llera Martin will serve on the seed grant selection committee and will identify up to four other key faculty from UC, not participating in the seed grant competition, to serve on the selection committee. The due date for the seed grant applications is December 5th 2015. Applications must be sent by email to Domingo Mery (dmery@ing.puc.cl). Decisions will be announced by December 28th 2015. Funding will be available starting January 2016.