

# International Doctoral Program in Science Position

## Education, development, poverty: sustainable technology. A sustainable social impact of technology development

### Background and motivation

The debate on technology development in the service of the common good is a subject of major concern, as it plays a key role for a sustainable development. Studies and research show how technology can represent a resource employed to face emerging social challenges. Several practical experiences show the need for technical profiles, which bring sciences and humanities together to develop a technology in the service of human dignity.

The aim of this PhD research project is to outline transdisciplinary training guidelines for the construction of interfaculty academic paths, which combine the hard sciences with the humanities, to promote the development of value-generating technologies at the service of social innovation and the welfare system (health, social welfare, education, safety). The research will investigate the impact, in terms of return on social well-being as well as in terms of return on employment, of the introduction of "social technology expert" profiles in the organizational processes of non-profit and profit organizations involved in the social sphere, outlining which competences need to be developed within transdisciplinary training paths, also considering ethical and social implications of technology.

### Profile

- Master's degree or comparable qualification in Education, Political, Linguistic and Philosophical Sciences. Degrees in Human development and environment, Environmental management and communication.
- A solid interdisciplinary background between humanities and hard sciences.
- Good knowledge of the English language, both spoken and written, is essential.
- Strong commitment, and eagerness for international mobility is desired.

### Opportunities

- Participating to an international collaboration between Università Cattolica del Sacro Cuore (Italy) and University of Notre Dame (USA)
- Double degree opportunity.
- Please note that this position is **NOT** supported by a fellowship.

### Supervisors

- Prof. Alessandra Vischi, UCSC [alessandra.vischi@unicatt.it](mailto:alessandra.vischi@unicatt.it)
- Prof. Luca Gavioli, UCSC [luca.gavioli@unicatt.it](mailto:luca.gavioli@unicatt.it)
- Prof. Jason Rohr, University of Notre Dame [jrohr2@nd.edu](mailto:jrohr2@nd.edu)



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore

UNIVERSITY OF  
NOTRE DAME

KU LEUVEN

